LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU *PEER REVIEW*
KARYA ILMIAH : JURNAL ILMIAH

Judul Karya Ilmiah/Jurnal : Variability of Diurnal Sea Surface Temperature during Short Term and High SST Event in the Western Equatorial Pacific as Revealed by Satellite Data
Jumlah Penulis : 4 (Empat)
Status Pengusul : Penulis pertama/ ~~penulis ke 2~~/penu~~lis korespondensi **~~
Penulis Karya Ilmiah : **Anindya Wirasatriya,** Kohtaro Hosoda, Joga Dharma Setiawan dan R. Dwi Susanto
Identitas Karya Ilmiah :
a. Nama Jurnal : Remote Sensing
b. No. ISSN : 2072-4292
c. Nomor,Volume, bln, thn : No. 19 Vol. 12 Tahun 2020
d. Penerbit : MDPI
e. DOI Jurnal (jika ada) : 10.3390/rs12193230
f. Alamat Web Jurnal :
- Url Jurnal : https://www.mdpi.com/2072-4292/12/19
- Url Jurnal: https://www.mdpi.com/2072-4292/12/19/3230/pdf

g. Terindeks di Scimagojr/Thomson Reuter ISI knowledge atau di..

Kategori Publikasi Jurnal Ilmiah : ☑ Jurnal Ilmiah Internasional / Internasional bereputasi
(beri ✓pada kategori yang tepat) ☐ Jurnal Ilmiah Nasional Terakreditasi
☐ Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai .....5)	Nilai Maksimal Jurnal Ilmiah ..... 6)			Nilai Akhir Yang Diperoleh ..... 7)
	Internasional [40]	Nasional Terakreditasi [ ]	Nasional Tidak Terakreditasi [ ]	
a. Kelengkapan unsur isi jurnal (10%)	4			3,7
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			11,7
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12			11,7
d. Kelengkapan unsur dan kualitas penerbit (30%)	12			11,7
Total = (100%)	**40**			38,8

Catatan Penilaian Paper oleh Reviewer:
Artikel ini sangat penting untuk diketahui bagi oseanografer Indonesia, karena data yang disajikan dapat digunakan untuk acuan penelitian atau kegiatan yang lain. Metode penelitian dan pembahasan yang disajikan sangat menarik, jadi layak kalau dipublish pada jurnal berkualitas baik.
Nilai = 0,6 x 38.8 = **23,28**

Semarang,
Reviewer 1

Prof. Ir. Muslim, M.Sc., Ph.D
NIP. 196004041987031002
Unit : FPIK Undip

LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU *PEER REVIEW*
KARYA ILMIAH : JURNAL ILMIAH

Judul Karya Ilmiah/Jurnal : Variability of Diurnal Sea Surface Temperature during Short Term and High SST Event in the Western Equatorial Pacific as Revealed by Satellite Data
Jumlah Penulis : 4 (Empat)
Status Pengusul : Penulis pertama/ ~~penulis ke 2~~/penulis korespondensi **
Penulis Karya Ilmiah : **Anindya Wirasatriya,** Kohtaro Hosoda, Joga Dharma Setiawan dan R. Dwi Susanto
Identitas Karya Ilmiah :
a. Nama Jurnal : Remote Sensing
b. No. ISSN : 2072-4292
c. Nomor,Volume, bln, thn : No. 19 Vol. 12 Tahun 2020
d. Penerbit : MDPI
e. DOI Jurnal (jika ada) : 10.3390/rs12193230
f. Alamat Web Jurnal :
- Url Jurnal : https://www.mdpi.com/2072-4292/12/19
- Url Jurnal: https://www.mdpi.com/2072-4292/12/19/3230/pdf

g. Terindeks di Scimagojr/Thomson Reuter ISI knowledge atau di..

Kategori Publikasi Jurnal Ilmiah (beri ✓pada kategori yang tepat) :
[✓] Jurnal Ilmiah Internasional / Internasional bereputasi
[ ] Jurnal Ilmiah Nasional Terakreditasi
[ ] Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai .....5)	Nilai Maksimal Jurnal Ilmiah ..... 6)			Nilai Akhir Yang Diperoleh ..... 7)
	Internasional [40]	Nasional Terakreditasi [ ]	Nasional Tidak Terakreditasi [ ]	
e. Kelengkapan unsur isi jurnal (10%)	4			4
f. Ruang lingkup dan kedalaman pembahasan (30%)	12			9
g. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12			10
h. Kelengkapan unsur dan kualitas penerbit (30%)	12			12
Total = (100%)	**40**			35

Catatan Penilaian Paper oleh Reviewer:

a) Kelengkapan unsur dalam jurnal *Remote Sensing* tampak lengkap, mulai dari introduction sampai conclusion dan references. Disamping itu ada juga info tentang Author Contributions, Funding, dan Conflicts of Interest.

b) Ruang lingkup artikel sesuai dengan bidang penulis yakni oceanografi, dan pembahasan hasil penelitian juga cukup mendalam karena didukung data *sea surface temperature amplitude* (δSST) yang berbasis SST, dan didukung 51 pustaka.

c) Data dan informasi yang dismapaikan dalam artikel dinilai mencukupi. Metodologi yang digunakan sudah sesuai bidang ilmu serta jenis data yang dibutuhkan. Misalnya SST data diperoleh dari dua satelit yang mengcover sekitar Pasifik yakni Geostationary Operational Environmental Satellite (GOES) and Himawari-8. Sedangkan data SST in situ diperoleh dari the tropical moored buoy networks.

d) Jurnal *Remote Sensing* sudah terindeks di Scopus Q1, hindeks 144 dengan SJR 1,28, Jurnal ini memiliki unsur-unsur jurnal yang lengkap. Kualitas penerbitan dinilai cukup baik, dengan jumlah artikel sekali terbit (1 issue) cukup banyak sekitar 200 artikel, dan dalam setahun jumlah yang diterbitkan sebanyak 24 issue.

Nilai = 0,6 x 35 = **21**

Semarang, 27 Mei 2022
Reviewer 2

Prof. Dr. Ir. Ambariyanto, M.Sc
NIP. 196104131988031002
Unit : FPIK Undip

Source details

Remote Sensing

Open Access

Scopus coverage years: 1992, 2007, from 2009 to Present

Publisher: Multidisciplinary Digital Publishing Institute (MDPI)

ISSN: 2072-4292

Subject area: Earth and Planetary Sciences: General Earth and Planetary Sciences

Source type: Journal

CiteScore 2021
7.4

SJR 2021
1.283

SNIP 2021
1.546

View all documents > | Set document alert | Save to source list | Source Homepage

CiteScore | CiteScore rank & trend | Scopus content coverage

Improved CiteScore methodology

CiteScore 2021 counts the citations received in 2018-2021 to articles, reviews, conference papers, book chapters and data papers published in 2018-2021, and divides this by the number of publications published in 2018-2021. Learn more >

CiteScore 2021

$$7.4 = \frac{102.139 \text{ Citations 2018 - 2021}}{13.890 \text{ Documents 2018 - 2021}}$$

Calculated on 05 May, 2022

CiteScoreTracker 2022

$$7.9 = \frac{143.194 \text{ Citations to date}}{18.092 \text{ Documents to date}}$$

Last updated on 05 April, 2023 • Updated monthly

CiteScore rank 2021

Category	Rank	Percentile
Earth and Planetary Sciences └ General Earth and Planetary Sciences	#17/191	91st

View CiteScore methodology > | CiteScore FAQ > | Add CiteScore to your site

About Scopus

What is Scopus

Content coverage

Scopus blog

Scopus API

Privacy matters

Language

日本語版を表示する

查看简体中文版本

查看繁體中文版本

Просмотр версии на русском языке

Customer Service

Help

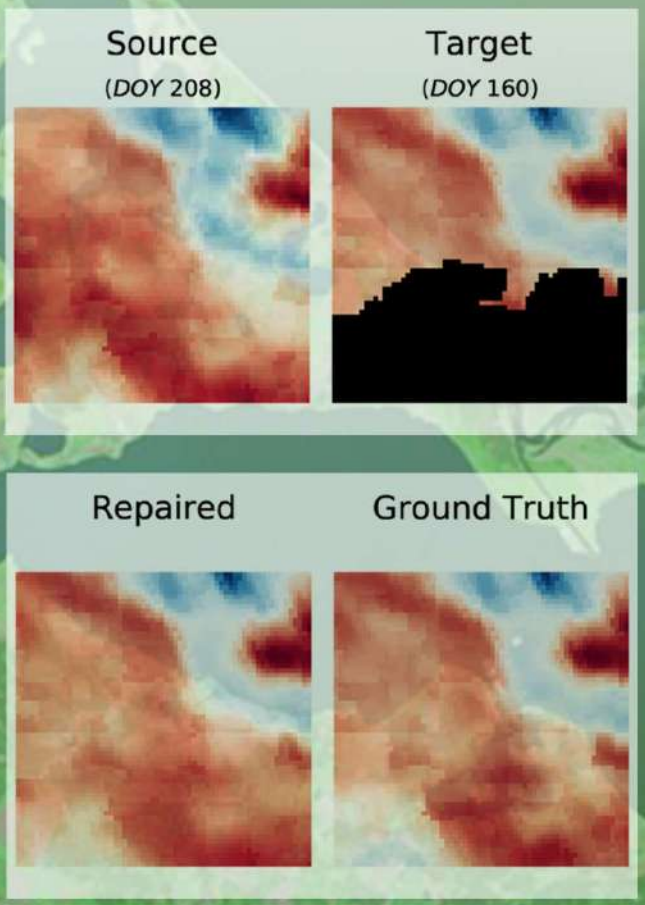
Tutorials

Contact us

remote sensing

IMPACT FACTOR 4.509

CITESCORE 6.1 SCOPUS



Missing Pixel Reconstruction on Landsat 8 Analysis Ready Data Land Surface Temperature Image Patches Using Source-Augmented Partial Convolution

Volume 12 · Issue 19 | October (I) 2020

MDPI

mdpi.com/journal/remotesensing
ISSN 2072-4292

Editorial Board

- Atmospheric Remote Sensing Section (/journal/remotesensing/sectioneditors/Atmosphere_Remote_Sensing)
- Remote Sensing in Geology, Geomorphology and Hydrology Section (/journal/remotesensing/sectioneditors/Remote_Sensing_Geology_Geomorphology_Hydrology)
- Ocean Remote Sensing Section (/journal/remotesensing/sectioneditors/Ocean_Remote_Sensing)
- Forest Remote Sensing Section (/journal/remotesensing/sectioneditors/Forest_Remote_Sensing)
- Remote Sensing in Agriculture and Vegetation Section (/journal/remotesensing/sectioneditors/RSAV)
- Remote Sensing Image Processing Section (/journal/remotesensing/sectioneditors/rs_image_processing)
- Biogeosciences Remote Sensing Section (/journal/remotesensing/sectioneditors/Biogeosciences_RS)
- Urban Remote Sensing Section (/journal/remotesensing/sectioneditors/urban_remote_sensing)
- Environmental Remote Sensing Section (/journal/remotesensing/sectioneditors/environmental_remote_sensing)
- Coral Reefs Remote Sensing Section (/journal/remotesensing/sectioneditors/coral_reefs_remote_sensing)
- Engineering Remote Sensing Section (/journal/remotesensing/sectioneditors/engineering_remote_sensing)
- Remote Sensing Communications Section (/journal/remotesensing/sectioneditors/remote_sensing_letter)
- AI Remote Sensing Section (/journal/remotesensing/sectioneditors/ai_remote_sensing)
- Satellite Missions for Earth and Planetary Exploration Section (/journal/remotesensing/sectioneditors/satellite_missions)
- Ecological Remote Sensing Section (/journal/remotesensing/sectioneditors/ecological_remote_sensing)
- Earth Observation Data Section (/journal/remotesensing/sectioneditors/earth_observation_data)
- Earth Observation for Emergency Management Section (/journal/remotesensing/sectioneditors/earth_observation_emergency_management)
- Remote Sensing and Geo-Spatial Science Section (/journal/remotesensing/sectioneditors/Remote_Sensing_Geo_Spatial_Science)

Please note that the order in which the Editors appear on this page is alphabetical, and follows the structure of the editorial board presented on the MDPI website under information for editors: **editorial board responsibilities (/editors#Editorial_Board_Responsibilities)**.

Members (964)

Search by first name, last name, affiliation,

Dr. Prasad S. Thenkabail
Website (https://www.usgs.gov/staff-profiles/prasad-thenkabail)

Editor-in-Chief

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

Interests: hyperspectral remote sensing, remote sensing expertise in a number of areas including: (a) global croplands, (b) agriculture, (c) water resources, (d) wetlands, (e) droughts, (f) land use/land cover, (g) forestry, (h) natural resources management, (i) environments, (j) vegetation, and (k) characterization of large river basins and deltas

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Clement Atzberger (https://sciprofiles.com/profile/32481)

Website (https://forschung.boku.ac.at/fis/staff?name=ClementAtzberger)

Section Editor-in-Chief

Institute of Geomatics, University of Natural Resources and Life Sciences, 1090 Vienna, Austria

Interests: remote sensing of vegetation with focus on time series analysis and use of physically based radiative transfer models for mapping biochemical and biophysical traits

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Mattia Crespi (https://sciprofiles.com/profile/123058)

Website (https://sites.google.com/a/uniroma1.it/mattiacrespi-eng/mattia-crespi)

Section Editor-in-Chief

Geodesy and Geomatics Division-DICEA, Sapienza University of Rome, Rome, Italy

Interests: remote sensing big data analysis; optical and SAR satellite remote sensing; photogrammetry and stereo-SAR; 3D terrain and object modeling; GNSS positioning and monitoring; GNSS seismology; GNSS meteorology

Special Issues, Collections and Topics in MDPI journals

Dr. Richard Gloaguen (https://sciprofiles.com/profile/93027)

Website (https://www.hzdr.de/db/!ContMan.Visi.Card?pUid=15927&pNid=3055)

Section Editor-in-Chief

Helmholtz Institute Freiberg for Resource Technology, Freiberg, Germany

Interests: UAV-based multisource imaging; imaging sensor integration; AI and non-invasive exploration

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Alfredo Huete (https://sciprofiles.com/profile/383304)

Website (https://profiles.uts.edu.au/alfredo.huete)

Section Editor-in-Chief

Back to TopTop

Plant Functional Biology and Climate Change Cluster, School of Environment, University of Technology Sydney, 15 Broadway Road, Ultimo, NSW 2007, Australia

Interests: biophysical remote sensing; phenology; satellite products; carbon and water fluxes; land use science; drought studies

Special Issues, Collections and Topics in MDPI journals

Dr. Magaly Koch (https://sciprofiles.com/profile/125121)

Website (https://www.bu.edu/earth/profiles/magaly-koch/)

Section Editor-in-Chief

Center for Remote Sensing, Boston University, Boston, MA 02215, USA

Interests: hydrogeology; geomorphology; natural hazards; land use/cover changes; optical/radar remote sensing

Special Issues, Collections and Topics in MDPI journals

Dr. Alexander Kokhanovsky (https://sciprofiles.com/profile/673244) *

Website (https://www.researchgate.net/profile/Alexander-Kokhanovsky)

Section Editor-in-Chief

Max Planck Institute for Chemistry, 55128 Mainz, Germany

Interests: cloud remote sensing; aerosol remote sensing; trace gas remote sensing; snow remote sensing; radiative transfer

* Section "Atmospheric Remote Sensing"

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Deepak R. Mishra (https://sciprofiles.com/profile/93572)

Website (http://geography.uga.edu/directory/profile/mishra-deepak/)

Section Editor-in-Chief

Department of Geography, University of Georgia, 210 Field Street, Rm 212B, Athens, GA 30602, USA

Interests: water quality (inland waters, estuaries, coastal, and open ocean waters); wetlands health, productivity, and carbon sequestration; benthic habitat mapping; cyber-innovated environmental sensing

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Jose Moreno (https://sciprofiles.com/profile/492966)

Website (http://ipl.uv.es/?q=users/josemoreno)

Section Editor-in-Chief

Laboratory for Earth Observation, Image Processing Laboratory, Department of Earth Physics and Thermodynamics, Faculty of Physics, University of Valencia, Scientific Park, 46980 Valencia, Spain

Interests: optical remote sensing; imaging spectroscopy; vegetation fluorescence; vegetation biophysical parameters; land surface applications; optical reflectance/fluorescence models; retrieval methods; design of

Back to TopTop

future earth observation missions; dynamical vegetation models; calibration/validation field campaigns
Special Issues, Collections and Topics in MDPI journals

(/toggle_desktop_layout_cookie)

Prof. Dr. Soe Myint (https://sciprofiles.com/profile/29632)
Website (https://www.geo.txst.edu/people/faculty/soemyint.html)
Section Editor-in-Chief
Meadows Center for Water and the Environment, Department of Geography and Environmental Studies, Texas State University, San Marcos, TX 78666, USA
Interests: remote sensing; GIS; geospatial statistics; land use land cover change and prediction; assessment and monitoring of drought, land degradation, and desertification; landscape fragmentation; urban environmental modeling including urban water use and climate analysis; forest characterization including coastal environments; disaster assessment, recovery, and monitoring; agriculture water use, evapotranspiration, and surface energy analysis; spatial modeling; and classification algorithm development
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Stuart Phinn
Website (https://researchers.uq.edu.au/researcher/56)
Section Editor-in-Chief
School of SEES, University of Queensland, St Lucia, Brisbane, QLD 4072, Australia
Interests: ecological remote sensing; earth observation
Special Issues, Collections and Topics in MDPI journals

Dr. Chris Roelfsema (https://sciprofiles.com/profile/20431)
Website (http://www.gpem.uq.edu.au/chris-roelfsema)
Section Editor-in-Chief
Remote Sensing Research Centre, School of Geography, Planning and Environmental Management, The University of Queensland, Brisbane, QLD 4072, Australia
Interests: remote sensing of coastal and marine environments; conservation and management of coral reef and seagrass ecosystems; improving marine field calibration and validation approaches of remote sensing imagery
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Luis A. Ruiz (https://sciprofiles.com/profile/65796)
Website (http://cgat.webs.upv.es/people/)
Section Editor-in-Chief
GeoEnvironmental Cartography and Remote Sensing Group (CGAT), Universitat Politècnica de València, Camino de Vera s/n, 46022 Valencia, Spain
Interests: lidar for forest structure analysis; 3D fire behaviour models; object-based feature extraction and

Back to TopTop

classification; land use/land cover change analysis
Special Issues, Collections and Topics in MDPI journals

(/toggle_desktop_layout_cookie)

Dr. Carlos Alberto Silva (https://sciprofiles.com/profile/171972)
Website (https://ffgs.ifas.ufl.edu/faculty/silva-carlos-alberto/)
Section Editor-in-Chief
Forest Biometrics and Remote Sensing Lab (Silva Lab), School of Forest, Fisheries and Geomatics Science, University of Florida, P.O. Box 110410, Gainesville, FL 32611, USA
Interests: lidar remote sensing (ALS, TLS, UAV-lidar, GEDI); tropical forest structure and ecology; industrial forest plantations; algorithms and tools development; data integration and change detection
Special Issues, Collections and Topics in MDPI journals

Dr. Jorge Vazquez (https://sciprofiles.com/profile/2030417)
Website (https://science.jpl.nasa.gov/people/Vazquez/)
Section Editor-in-Chief
Jet Propulsion Laboratory/California Institute of Technology, Pasadena, CA 91109, USA
Interests: validation of remote sensing data; application of remote sensing to coastal regions; development of new remote sensing for high resolution; validation of remote sensing data sets in challenging areas, including the Arctic and coastal regions
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Qi Wang (https://sciprofiles.com/profile/145981)
★ **(https://clarivate.com/highly-cited-researchers/2022)** **Website (http://crabwq.github.io/)**
Section Editor-in-Chief
School of Artificial Intelligence, Optics and Electronics (iOPEN), Northwestern Polytechnical University, 127 West Youyi Road, Beilin District, P.O. Box 64, Xi'an 710072, China
Interests: remote sensing; image analysis; computer vision; pattern recognition; machine learning
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Fumio Yamazaki
Website1 (https://researchmap.jp/read0157827?lang=en) **Website2 (https://orcid.org/0000-0003-3285-5997)** **Website3 (https://www.scopus.com/authid/detail.uri?authorId=35857807800)**
Section Editor-in-Chief
1. Chiba University, Chiba 263-8522, Japan
2. National Research Institute for Earth Science and Disaster Resilience (NIED), Tsukuba 305-0006, Japan
Interests: remote sensing; disaster management; natural hazard; stochastic mechanics
Special Issues, Collections and Topics in MDPI journals

Back to TopTop

Prof. Dr. Lefei Zhang (https://sciprofiles.com/profile/185646)
★ (https://clarivate.com/highly-cited-researchers/2022) **Website (https://sites.google.com/site/lzhangpage/)**
Section Editor-in-Chief
School of Computer Science, Wuhan University, Wuhan 430072, China
Interests: pattern recognition; machine learning; image processing; remote sensing
Special Issues, Collections and Topics in MDPI journals

Dr. Nicolas Baghdadi (https://sciprofiles.com/profile/5447)
Website (https://www.researchgate.net/profile/Nicolas-Baghdadi-2)
Associate Editor
French National Institute for Agriculture, Food, and Environment (INRAE), Maison de la télédétection – UMR TETIS, 500 rue JF Breton, CEDEX 05, 34093 Montpellier, France
Interests: environmental science; irrigation and water management; soil science; microwave remote sensing; lidar
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Timo Balz (https://sciprofiles.com/profile/139761)
Website (http://insar.lmars.whu.edu.cn)
Associate Editor
The State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing (LIESMARS), Wuhan University, Wuhan 430079, China
Interests: SAR remote sensing; SAR interferometry; surface motion estimation; SAR in archaeology
Special Issues, Collections and Topics in MDPI journals

Dr. Francesca Barnaba (https://sciprofiles.com/profile/344399) *
Website (http://www.isac.cnr.it/en/users/francesca-barnaba)
Associate Editor
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Via Fosso del Cavaliere 100, 00133 Rome, Italy
Interests: aerosols; atmospheric composition; air quality; light scattering and absorption; satellite remote sensing; ground-based active and passive remote sensing; aerosol in-situ measurements; mineral dust; biomass burning
* Section "Atmosphere Remote Sensing"

Prof. Dr. Jon Atli Benediktsson (https://sciprofiles.com/profile/312992) *
★ (https://clarivate.com/highly-cited-researchers/2022) **Website (https://english.hi.is/staff/benedikt)**
Associate Editor
Faculty of Electrical and Computer Engineering, University of Iceland, IS 102 Reykjavík, Iceland
Interests: remote sensing; image analysis; pattern recognition; signal processing

* Section Associate Editor

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Mark Bourassa (https://sciprofiles.com/profile/1028488) (/toggle_desktop_layout_cookie)

Website (https://coaps.fsu.edu/mark-bourassa)

Associate Editor

Department of Earth, Ocean and Atmospheric Science, Florida State University, 600 W College Ave, Tallahassee, FL 32306, USA

Interests: ocean winds and currents; boundary-layers; air-sea interaction; the observing system

Special Issues, Collections and Topics in MDPI journals

Dr. Vittorio E. Brando (https://sciprofiles.com/profile/145568) *

Website (http://www.ismar.cnr.it/people/brando-vittorio)

Associate Editor

CNR-ISMAR Institute of Marine Sciences, National Research Council, 00133 Rome, Italy

Interests: earth observation; optical oceanography; coastal waters

* Section "Ocean Remote Sensing"

Special Issues, Collections and Topics in MDPI journals

Dr. Javier Bustamante (https://sciprofiles.com/profile/43781)

Website (http://www.ebd.csic.es/bustamante/index.html)

Associate Editor

Estación Biológica de Doñana, CSIC - Dept. Wetland Ecology - Américo Vespucio 26, Sevilla, Spain

Interests: optical remote sensing of wetlands; time series; phenology; wetland ecology; SAV; species distribution models; ornithology

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. James Campbell (https://sciprofiles.com/profile/117925)

Website (http://geography.vt.edu/people/campbell.htm)

Associate Editor

Geography Department, 220 Stanger Street, 115 Major Williams Hall, Virginia Tech, Blacksburg, VA 24061, USA

Interests: agricultural systems (crop rotation, tillage assessment, yield estimation); soil variability; land use/land cover change; coastal reclamation; urban systems (microclimates, impervious surfaces, drainage)

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Nicola Casagli (https://sciprofiles.com/profile/450207) *

Website (https://www.ogs.it/it/users/nicola-casagli)

Associate Editor

Department of Earth Sciences, University of Florence, Via La Pira 4, Florence, Italy

Interests: geological hazards and ground instability; landslide monitoring; remote sensing data interpretation and validation; engineering geological characterization and modelling

* Section "Remote Sensing in Geology, Geomorphology and Hydrology"

Special Issues, Collections and Topics in MDPI journals

Back to TopTop

Prof. Dr. Chein-I Chang (https://sciprofiles.com/profile/311825)
Website (https://wiki.umbc.edu/display/rssipl/1.+Director)
Associate Editor
Department of Computer Science and Electrical Engineering, University of Maryland, Baltimore County, Baltimore, MA 21250, USA
Interests: hyperspectral/multispectral image processing; medical imaging
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Kun-Shan Chen
Website (https://cgg.glut.edu.cn/info/1138/5029.htm)
Associate Editor
College of Geomatics and Geoinformation, Guilin University of Technology, Guilin 541004, China
Interests: wave scattering and radar imaging of terrains and sea, and their applications
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Jie Cheng (https://sciprofiles.com/profile/226753)
Website (https://geot.bnu.edu.cn/Public/htm/news/5/328.html)
Associate Editor
Faculty of Geographical Science, Beijing Normal University, Beijing 100875, China
Interests: thermal infrared remote sensing; atmospheric radiation and surface energy balance
Special Issues, Collections and Topics in MDPI journals

Dr. Thomas Corpetti (https://sciprofiles.com/profile/659193)
Website (https://www.sites.univ-rennes2.fr/costel/corpetti/site/index.html)
Associate Editor
CNRS – LETG Rennes, Place du Recheur Henri Le Moal, CEDEX, 35043 Rennes, France
Interests: remote sensing; urban environments; physical models; time series; data assimilation; classification; regression, fusion; pasture systems; agriculture
Special Issues, Collections and Topics in MDPI journals

Dr. Steven Dewitte (https://sciprofiles.com/profile/211902)
Website (http://www.belspo.be/belspo//Fedra/prom.asp?l=fr&promid=991)
Associate Editor
Royal Meteorological Institute of Belgium, Ringlaan 3 Avenue Circulaire, B-1180 Brussels, Belgium
Interests: earth radiation budget; atmospheric remote sensing; climate monitoring; weather forecast
Special Issues, Collections and Topics in MDPI journals

Dr. Martin Gade (https://sciprofiles.com/profile/154721)
Website (http://dr.martinga.de/)
Associate Editor

Back to TopTop

Institut für Meereskunde, Universität Hamburg, Bundesstraße 53, 20146 Hamburg, Germany
Interests: coastal remote sensing; SAR; marine surface films; ocean radar backscattering; air-sea interactions; air-sea fluxes
Special Issues, Collections and Topics in MDPI journals

Dr. Sangram Ganguly (https://sciprofiles.com/profile/17769)
Website (https://www.nasa.gov/centers/ames/earthscience/members/biosphericsciencebranch/Sangram_Ganguly)
Associate Editor
NASA Ames Research Center and Bay Area Environmental Research Institute, Bldg. 566, Room 114, NASA Ames Research Center, Moffett Field, CA 94035, USA
Interests: radiative transfer theory; machine learning and data science; advanced remote sensing techniques for carbon modeling and vegetation structure; climate modeling; high performance computing and cloud computing; large-scale image processing and signal processing
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Ioannis Z. Gitas (https://sciprofiles.com/profile/1204745)
Website (https://fmrs.web.auth.gr/profile/ioannis-gitas-head-of-the-unit-professor/)
Associate Editor
Lab of Forest Management and Remote Sensing, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece
Interests: forest fires; land-use/land-cover mapping; pre-fire planning and post-fire assessment; remote sensing; GIS; forest management
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Yuhong He (https://sciprofiles.com/profile/2410) *
Website (https://sites.utm.utoronto.ca/yuhong/)
Associate Editor
Department of Geography, Geomatics and Environment, University of Toronto Mississauga, 3359 Mississauga Road, Mississauga, ON L5L 1C6, Canada
Interests: remote sensing; advanced spatial and temporal analysis; radiative transfer modeling; terrestrial ecosystem health; climate change
* Section "Remote Sensing and Geo-Spatial Science"
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Yang Hong (https://sciprofiles.com/profile/326229)
★ **(https://clarivate.com/highly-cited-researchers/2022)** **Website (http://hydro.ou.edu/people/yang-hong/)**
Associate Editor
1. School of Civil Engineering and Environmental Science, University of Oklahoma, Norman, OK 73019-3072, USA
2. National Weather Center, ARRC Suite 4610, University of Oklahoma, 120 David L. Boren Blvd, Norman, OK 73072, USA

Back to TopTop

Interests: radar and satellite remote sensing; hydrology and water security; water resource engineering and GIS
Special Issues, Collections and Topics in MDPI journals

(/toggle_desktop_layout_cookie)

Prof. Dr. Jianxi Huang (https://sciprofiles.com/profile/71890)
Website (https://clst.cau.edu.cn/art/2018/8/7/art_31196_580539.html)
Associate Editor
College of Land Science and Technology, China Agricultural University, Beijing 100081, China
Interests: crop type mapping; crop yield forecasting; data assimilation; crop growth models
Special Issues, Collections and Topics in MDPI journals

Prof. Weimin Huang (https://sciprofiles.com/profile/65547)
Website (https://www.engr.mun.ca/~weimin/)
Associate Editor
Department of Electrical and Computer Engineering, Memorial University, St. John's, NL A1B 3X5, Canada
Interests: mapping of oceanic surface parameters via high-frequency ground wave radar; X-band marine radar and global navigation satellite systems
Special Issues, Collections and Topics in MDPI journals

Dr. Kazuhito Ichii (https://sciprofiles.com/profile/55458) *
Website (https://www.researchgate.net/profile/Kazuhito-Ichii)
Associate Editor
Center for Environmental Remote Sensing (CEReS), Chiba Uiversity, Inage-ku, Chiba 263-8522, Japan
Interests: terrestrial carbon cycle; vegetation monitoring; model–data integration
* Section "Biogeosciences Remote Sensing"
Special Issues, Collections and Topics in MDPI journals

Dr. Yoshio Inoue (https://sciprofiles.com/profile/13822)
Website (https://researchmap.jp/yoshio.inoue/?lang=english)
Associate Editor
Department of Aeronautics and Astronautics, Graduate School of Engineering, University of Tokyo, Tokyo 113-8656, Japan
Interests: plant eco-physiology; remote sensing; micrometeorology; agro-ecosystems; precision agriculture; GIS; vegetation and water resources
Special Issues, Collections and Topics in MDPI journals

Back to TopTop

Prof. Dr. Junjun Jiang (https://sciprofiles.com/profile/451120)
★ (https://clarivate.com/highly-cited-researchers/2022) **Website (http://homepage.hit.edu.cn/jiangjunjun)**
Associate Editor
School of Computer Science and Technology, Harbin Institute of Technology, Harbin 150001, China
Interests: computer vision; image processing; hyperspectral image analysis; visual recognition; machine learning
Special Issues, Collections and Topics in MDPI journals

Dr. Brian Alan Johnson (https://sciprofiles.com/profile/142033)
Website1 (https://www.iges.or.jp/en/about/staff/johnson-brian) Website2 (https://scholar.google.com/citations?hl=zh-CN&user=U7oZcFAAAAAJ&view_op=list_works&sortby=pubdate)
Associate Editor
Natural Resources and Ecosystem Services, Institute for Global Environmental Strategies, Hayama 240-0115, Japan
Interests: geographic information systems (GIS), remote sensing, spatial modeling, and data mining for urban and environmental analysis and planning; mapping urban land cover (green space, impervious surfaces, etc.) and monitoring forest health using fine resolution satellite imagery
Special Issues, Collections and Topics in MDPI journals

Dr. David M Johnson (https://sciprofiles.com/profile/1824690)
Website (https://www.ars.usda.gov/people-locations/person?person-id=53436)
Associate Editor
USDA / National Agricultural Statistics Service, Washington, DC 20250, USA
Interests: crop production, area, yield; MODIS; Landsat

Dr. Josef Kellndorfer
Website (http://whrc.org/about-whrc/our-experts/#)
Associate Editor
EARTH BIG DATA, LLC, P.O. Box 114, Woods Hole, MA 02543, USA
Interests: REDD; remote sensing; forests; climate change; high performance computing; SAR imaging; data fusion; time series analysis

Prof. Dr. Norman Kerle (https://sciprofiles.com/profile/161042) *
Website1 (http://www.itc.nl/resumes/kerle) Website2 (https://www.researchgate.net/profile/Norman_Kerle)
Associate Editor
Department of Applied Earth Sciences, Faculty of Geo-Information Science and Earth Observation (ITC), University of Twente, P.O. Box 6, Hengelosestraat 99, 7500 AA Enschede, The Netherlands
Interests: disaster risk management; damage assessment; vulnerability; UAV; resilience; recovery; OBIA; object-oriented analysis; VGI
* Section "Remote Sensing in Geology, Geomorphology and Hydrology"
Special Issues, Collections and Topics in MDPI journals

Back to TopTop

Prof. Dr. Raphael M. Kudela (https://sciprofiles.com/profile/48988)
Website (http://people.ucsc.edu/~kudela/)
Associate Editor
Ocean Sciences Department, University of California, A-461 Earth & Marine Sciences Bldg., Santa Cruz, CA 95064, USA
Interests: ecological modeling and remote sensing; satellite oceanography; phytoplankton ecology and harmful algal blooms
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Noam Levin (https://sciprofiles.com/profile/325424)
Website (https://scholars.huji.ac.il/noamlevin)
Associate Editor
Department of Geography, The Hebrew University of Jerusalem, Mount Scopus, Jerusalem 91905, Israel
Interests: urban remote sensing; nightlight remote sensing; remote sensing image analysis; GIS; spatial analysis
Special Issues, Collections and Topics in MDPI journals

Dr. Zhao-Liang Li (https://sciprofiles.com/profile/104567)
Website (https://www.ae-info.org/ae/Member/Li_Zhao-Liang)
Associate Editor
Key Laboratory of Agri-informatics, Ministry of Agriculture/Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences, Beijing 100081, China
Interests: thermal infrared remote sensing; land surface temperature; land surface emissivity; evapotranspiration; scaling problem; hyperspectral analysis; radiative transfer modelling
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Zhenhong Li (https://sciprofiles.com/profile/94306)
Website (https://js.chd.edu.cn/dzgcychxy/lzh103_en/list.psp)
Associate Editor
College of Geological Engineering and Geomatics, Chang'an University, Xi'an, China
Interests: synthetic aperture radar (SAR); interferometric SAR (InSAR); time series; precision agriculture
Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Yuei-An Liou (https://sciprofiles.com/profile/68336)
Website (http://hrsl.csrsr.ncu.edu.tw/)
Associate Editor
1. Center for Space and Remote Sensing Research, National Central University, No. 300, Jhongda Rd., Jhongli District, Taoyuan City 32001, Taiwan
2. Taiwan Group on Earth Observations, Hsinchu, Taiwan
Interests: remote sensing; atmospheric science; environmental monitoring; disaster analysis
Special Issues, Collections and Topics in MDPI journals

Back to TopTop

Dr. Fabian Löw *

Website (https://maptailor.net/)

Associate Editor

NGO, 83022 Rosenheim, Germany

Interests: copernicus; disaster management; remote sensing image classification; SDG; Sendai; agriculture; time series analysis

* Section "Remote Sensing in Agriculture and Vegetation"

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Zhong Lu (https://sciprofiles.com/profile/135521)

Website (https://smu.edu/dedman/lu)

Associate Editor

Roy M. Huffington Department of Earth Sciences, Southern Methodist University, Dallas, TX 75275, USA

Interests: SAR; InSAR; PSInSAR; geophysical modeling; volcanoes; landslides; geohazards

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Gonzalo Pajares Martinsanz (https://sciprofiles.com/profile/11292)

Website (https://pajares6.wixsite.com/pajares)

Associate Editor

Department Software Engineering and Artificial Intelligence, Faculty of Informatics, University Complutense of Madrid, 28040 Madrid, Spain

Interests: computer vision; image processing; pattern recognition; 3D image reconstruction; spatio-temporal image change detection and tracking; fusion and registering from imaging sensors; superresolution from low-resolution image sensors.

Special Issues, Collections and Topics in MDPI journals

Dr. Farid Melgani (https://sciprofiles.com/profile/219866) *

Website (https://webapps.unitn.it/du/en/Persona/PER0004197/Didattica)

Associate Editor

Department of Information Engineering and Computer Science, University of Trento, I-38123 Trento, Italy

Interests: UAV and multi/hyperspectral remote sensing; image processing and analysis; change detection; machine learning; pattern recognition; computer vision

* Section Associate Editor

Special Issues, Collections and Topics in MDPI journals

Dr. Michele Meroni *

Website (https://ec.europa.eu/jrc/en/mars)

Associate Editor

European Commission, Joint Research Centre, Directorate D – Sustainable Resources, Food Security Unit, Via Fermi 2749, 21027 Ispra, VA, Italy

Interests: remote sensing of vegetation biophysical variables; vegetation and agriculture monitoring; time series analysis; land surface phenology; stress detection; crop modelling; radiative transfer modelling; hyperspectral remote sensing

* Section "Remote Sensing in Agriculture and Vegetation"

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Silas Michaelides (https://sciprofiles.com/profile/352919)

Website (https://www.cyi.ac.cy/index.php/eewrc/about-the-center/eewrc-our-people/itemlist/user/285-silas-michaelides.html)

Associate Editor

1. Department of Civil Engineering and Geomatics, Cyprus University of Technology, Limassol 3036, Cyprus
2. ERATOSTHENES Centre of Excellence, Limassol 3036, Cyprus

Interests: atmospheric energetics; development of mathematical methods for weather prediction and their verification; diagnostic investigation of Mediterranean depressions with emphasis on the quantification of various characteristics; applications of artificial neural networks in meteorological and climatological issues; desert dust transportation; applications of weather radar in the estimation of precipitation; applications of satellite meteorology and remote sensing; precipitation, drought, floods and methods for their prediction and mitigation planning; atmospheric and climatic models

Special Issues, Collections and Topics in MDPI journals

Dr. Francesco Nex (https://sciprofiles.com/profile/28318)

Website (https://people.utwente.nl/f.nex)

Associate Editor

Faculty of Geo-Information Science and Earth Observation (ITC), University of Twente, P.O. Box 217, 7500 AE Enschede, The Netherlands

Interests: geometric and radiometric sensors; sensor fusion; calibration of imageries; signal/image processing; mission planning; navigation and position/orientation; machine learning; simultaneous localization and mapping; regulations and economic impact; agriculture; geosciences; urban area; architecture; monitoring/change detection; education; unmanned aerial vehicles (UAV)

Special Issues, Collections and Topics in MDPI journals

Dr. Ferdinando Nunziata (https://sciprofiles.com/profile/249324)

Website (https://ieeexplore.ieee.org/author/37397734200)

Associate Editor

Dipartimento di Ingegneria, Università di Napoli Parthenope, 80133 Napoli, NA, Italy

Interests: synthetic aperture radar for sea observation; microwave radiometry; sea surface scattering; GNSS

Back to TopTop

reflectometry

Special Issues, Collections and Topics in MDPI journals

(/toggle_desktop_layout_cookie)

Prof. Dr. Takashi Oguchi (https://sciprofiles.com/profile/586635)

Website (https://www.u-tokyo.ac.jp/focus/ja/people/people001892.html)

Associate Editor

Center for Spatial Information Science, University of Tokyo, Tokyo 113-0033, Japan

Interests: geomorphology; geology; cartography

Special Issues, Collections and Topics in MDPI journals

Dr. Prabir K. Patra (https://sciprofiles.com/profile/502522)

Website (https://ebcrpa.jamstec.go.jp/~prabir/)

Associate Editor

Department of Atmospheric Science, The University of Alabama in Huntsville, 320 Sparkman Dr., Huntsville, AL 35805, USA

Interests: air pollution; greenhouse gases; modelling studies

Special Issues, Collections and Topics in MDPI journals

Dr. George P. Petropoulos (https://sciprofiles.com/profile/10555)

Website (https://petropoulosgeorge.wixsite.com/mysite)

Associate Editor

Department of Geography, Harokopio University of Athens, 176 71 Moschato, Greece

Interests: earth observation; modeling; land surface interactions; soil moisture; evapotrasnpiration; land use/cover mapping; change detection; natural hazards; floods; wildfires; sensitivity analysis; soil vegetation atmosphere transfer modeling; operational products benchmarking

Special Issues, Collections and Topics in MDPI journals

Prof. Dr. Len Pietrafesa (https://sciprofiles.com/profile/488393)

Website (https://meas.sciences.ncsu.edu/people/ljpietra/)

Associate Editor

1. North Carolina State University, Raleigh, NC 27695, USA

2. Burroughs & Chapin Scholar, Coastal Carolina University, Conway, SC 29526, USA

Interests: observations of and numerical modeling of atmospheric; oceanic; estuary; land and hydraulic inter-actively coupled systems; relationships between climate and weather coupled systems; wind-wave-current coupled interactions

Special Issues, Collections and Topics in MDPI journals

Back to TopTop

Remote Sens., Volume 12, Issue 19 (October-1 2020) – 162 articles

Cover Story (view full-size image ((/files/uploaded/covers/remotesensing/big_cover-remotesensing-v12-i19.png)): This study presents missing pixel reconstruction on Landsat land surface temperature image patches using source-augmented partial convolution. View this paper (https://www.mdpi.com/2072-4292/12/19/3143)

(https://www.mdpi.com/2072-4292/12/19/3143)

Issues are regarded as officially published after their release is announced to the table of contents alert mailing list (/journal/remotesensing/toc-alert).

- You may sign up for e-mail alerts (/journal/remotesensing/toc-alert) to receive table of contents of newly released issues.
- PDF is the official format for papers published in both, html and pdf forms. To view the papers in pdf format, click on the "PDF Full-text" link, and use the free Adobe Reader (http://www.adobe.com/) to open them.

Order results

Publication Date

Result details

Normal

Section

All Sections

Show export options

Select all

Export citation of selected articles as:

Plain Text | Export

Open Access Article (/2072-4292/12/19/3272/pdf?version=1602485172)

Thermophysical Features of the Rümker Region in Northern Oceanus Procellarum: Insights from CE-2 CELMS Data ((2072-4292/12/19/3272)

by Zhiguo Meng (https://sciprofiles.com/profile/353851), Jietao Lei (https://sciprofiles.com/profile/1280005), Yuqi Qian (https://sciprofiles.com/profile/1280062), Long Xiao (https://sciprofiles.com/profile/1871256), James W. Head (https://sciprofiles.com/profile/author/M1AwckpneTZOVFdhNDBTUmpxSDJKaHhsK0RUSk5oOFRjUmV1c2dFQ01WQT0=), Shengbo Chen (https://sciprofiles.com/profile/459646), Weiming Cheng (https://sciprofiles.com/profile/267177), Jiancheng Shi (https://sciprofiles.com/profile/author/V3dYZkJ6QnFWd2w1NXc1Tndsd3d4RVJMaTNLcVNLanVJTzY3SE84bHN1az0=), Jinsong Ping (https://sciprofiles.com/profile/857136) and Zhizhong Kang (https://sciprofiles.com/profile/57141)

Remote Sens. **2020**, *12*(19), 3272; https://doi.org/10.3390/rs12193272 (https://doi.org/10.3390/rs12193272) - 08 Oct 2020

Cited by 9 ((2072-4292/12/19/3272#metrics)) | Viewed by 2483

Abstract The Rümker region is located in the northern Oceanus Procellarum, which has been selected as the landing and sampling region for China's Chang'e-5 (CE-5) mission. The thermophysical features of the mare units are studied in detail using the brightness temperature (TB) maps (TB, **[...] Read more.**

(This article belongs to the Special Issue Lunar Remote Sensing and Applications (/journal/remotesensing/special_issues/Lunar_RS))

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-ag-550.jpg?1602485263)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g001-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g002-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g003a-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g003b-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g004-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g005-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g006-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g007-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g008-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g009-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g010-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g011-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g012-550.jpg?1602485259)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03272/article_deploy/html/images/remotesensing-12-03272-g013-550.jpg?1602485259)

Open Access Article (/2072-4292/12/19/3271/pdf?version=1602311504)

Indoor and Outdoor Low-Cost Seamless Integrated Navigation System Based on the Integration of INS/GNSS/LIDAR System ((2072-4292/12/19/3271)

by Ningbo Li (https://sciprofiles.com/profile/author/dkcvanNxdW1IWVI0ZjNFTWo1am93T0lOcyttRWNMMG8rbVIBUWtXWUpuUT0=), Lianwu Guan (https://sciprofiles.com/profile/767451), Yanbin Gao (https://sciprofiles.com/profile/650324), Shitong Du (https://sciprofiles.com/profile/881059), Menghao Wu (https://sciprofiles.com/profile/646048), Xingxing Guang (https://sciprofiles.com/profile/1050302) and Xiaodan Cong (https://sciprofiles.com/profile/author/OHJJc2lpNk1talF4WG93U2xxeElyS2U5R1V0MC9TWmt5YmRCbTFVRzc1RT0=)

Remote Sens. **2020**, *12*(19), 3271; https://doi.org/10.3390/rs12193271 (https://doi.org/10.3390/rs12193271) - 08 Oct 2020

Cited by 16 ((2072-4292/12/19/3271#metrics)) | Viewed by 2849

Abstract Global Navigation Satellite System (GNSS) provides accurate positioning data for vehicular navigation in open outdoor environment. In an indoor environment, Light Detection and Ranging (LIDAR) Simultaneous Localization and Mapping (SLAM) establishes a two-dimensional map and provides positioning data. However, LIDAR can only provide **[...] Read more.**

Back to TopTop

(This article belongs to the Section **AI Remote Sensing ((/journal/remotesensing/sections/ai_remote_sensing))**

► **Show Figures**

Open Access Article

Coastal Wetland Classification with Deep U-Net Convolutional Networks and Sentinel-2 Imagery: A Case Study at the Tien Yen Estuary of Vietnam ((/2072-4292/12/19/3270)

by Kinh Bac Dang (https://sciprofiles.com/profile/919738), Manh Ha Nguyen (https://sciprofiles.com/profile/1273782), Duc Anh Nguyen (https://sciprofiles.com/profile/author/QzFBMmItM080WEdxSVNWZ3BtQzlRdGxRY09sSWR5ZmRWam16aEF3VVdmTT0=), Thi Thanh Hai Phan (https://sciprofiles.com/profile/author/Wm1KMHJQb05wUFJlN0dKSEZuYituNmVSZVJTYmVUYVVWdTdLeGZxL2xSMD0=), Tuan Linh Giang (https://sciprofiles.com/profile/author/NVMxb1NNWHp6VDdMZWxpZWtlRkg1N05HL3YwaXJmbS9vTHFMblZnNXpDaz0=), Hoang Hai Pham (https://sciprofiles.com/profile/author/dzlPcXBET2EwTzBSR3hQMkdZSFRpSWQ4M1IyM1RmTFhKQloyamZhdGpsVT0=), Thu Nhung Nguyen (https://sciprofiles.com/profile/author/VUgwWUd0eDNKTDNUdEtKek0rUy9TeGRsOWNsTlIDMzdlMHZiNmxvU2NsQT0=), Thi Thuy Van Tran (https://sciprofiles.com/profile/author/YjZjS25OQlBwVVdlckE4eUVxTE5OZmdYVW1YZlJLREk0TGszR3R1bzgyVT0=) and Dieu Tien Bui (https://sciprofiles.com/profile/101864)

Remote Sens. **2020**, *12*(19), 3270; **https://doi.org/10.3390/rs12193270 (https://doi.org/10.3390/rs12193270)** - 08 Oct 2020

Cited by 24 (/2072-4292/12/19/3270#metrics) | Viewed by 3901

Abstract The natural wetland areas in Vietnam, which are transition areas from inland and ocean, play a crucial role in minimizing coastal hazards; however, during the last two decades, about 64% of these areas have been converted from the natural wetland to the human-made **[...] Read more.**

(This article belongs to the Special Issue **Advanced Geospatial Artificial Intelligence for Forest Modeling, Prediction, Conservation and Management (/journal/remotesensing/special_issues/AI_forest)**)

► **Show Figures**

Open Access Article

Impacts of Urbanization on the Ecosystem Services in the Guangdong-Hong Kong-Macao Greater Bay Area, China ((/2072-4292/12/19/3269)

by Xuege Wang (https://sciprofiles.com/profile/1066263), Fengqin Yan (https://sciprofiles.com/profile/942526) and Fenzhen Su (https://sciprofiles.com/profile/190177)

Remote Sens. **2020**, *12*(19), 3269; **https://doi.org/10.3390/rs12193269 (https://doi.org/10.3390/rs12193269)** - 08 Oct 2020

Cited by 26 (/2072-4292/12/19/3269#metrics) | Viewed by 3568

Abstract Unprecedented urbanization has occurred globally, which has converted substantial natural landscapes into impervious surfaces and further impacted ecosystem services and functioning. In this study, we quantified the spatiotemporal patterns of urbanization and investigated the impacts of urbanization on the ecosystem service value (ESV) **[...] Read more.**

► **Show Figures**

Open Access Letter

Comparison of TEC Calculations Based on Trimble, Javad, Leica, and Septentrio GNSS Receiver Data ((/2072-4292/12/19/3268)

by Vladislav Demyanov (https://sciprofiles.com/profile/696296), Maria Sergeeva (https://sciprofiles.com/profile/1226410), Mark Fedorov (https://sciprofiles.com/profile/author/UDFaQWlKTCtPc2EvMXBHWjJxUXFxVm0rTml1VkNxb2Q1c0ZxZ0g1VlVPYz0=), Tatiana Ishina (https://sciprofiles.com/profile/author/dnBlUktYbEh5NjVnM0lPMmlsRlRUbGNQNnFPUW9xLzlzaXhLSXdmM1JLND0=), Victor Jose Gatica-Acevedo (https://sciprofiles.com/profile/2706164) and Enrique Cabral-Cano (https://sciprofiles.com/profile/author/eGV2RXEvYU00VW5tMzZDamdDcmdBVXVjazhZSGY3UG9HclhlWFdUWWtORT0=)

Remote Sens. **2020**, *12*(19), 3268; **https://doi.org/10.3390/rs12193268 (https://doi.org/10.3390/rs12193268)** - 08 Oct 2020

Cited by 7 (/2072-4292/12/19/3268#metrics) | Viewed by 2712

Abstract A Global Navigation Satellite System (GNSS) receiver is, to some extent, a “black box” when its data is used for ionospheric studies. Our results based on Javad, Septentrio, Trimble, and Leica GNSS receivers have proven that the accuracy of the slant Total Electron **[...] Read more.**

Back to TopTop

(This article belongs to the Special Issue **GNSS High Rate Data for Research of the Ionosphere (/journal/remotesensing/special_issues/rs_GNSS)**)

► **Show Figures**

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03268/article_deploy/html/images/remotesensing-12-03268-ag-550.jpg?1603186875)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03268/article_deploy/html/images/remotesensing-12-03268-g001-550.jpg?1603186875)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03268/article_deploy/html/images/remotesensing-12-03268-g002-550.jpg?1603186875)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03268/article_deploy/html/images/remotesensing-12-03268-g003-550.jpg?1603186875)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03268/article_deploy/html/images/remotesensing-12-03268-g004-550.jpg?1603186875)

Open Access Article (/2072-4292/12/19/3267/pdf?version=1602220081)

Evaluating the Magnitude of VIIRS Out-of-Band Response for Varying Earth Spectra (/2072-4292/12/19/3267)

by Benjamin Scarino (https://sciprofiles.com/profile/29158), David R. Doelling (https://sciprofiles.com/profile/329805), Rajendra Bhatt (https://sciprofiles.com/profile/66258), Arun Gopalan (https://sciprofiles.com/profile/author/bURZcEoxSHJnTDJnZytzZWxyQWwyMHJreG03b29rR205cVBJenJ0R1Vrbz0=) and Conor Haney (https://sciprofiles.com/profile/author/c1JGM3h4WVpWZTdYWCsraWVVQ0JbHdOZGVJd1NhWmM1dTJZbGJaenFDOD0=)

Remote Sens. **2020**, *12*(19), 3267; https://doi.org/10.3390/rs12193267 (https://doi.org/10.3390/rs12193267) - 08 Oct 2020

Viewed by 1960

Abstract Prior evaluations of Visible Infrared Imaging Radiometer Suite (VIIRS) out-of-band (OOB) contribution to total signal revealed specification exceedance for multiple key solar reflective and infrared bands that are of interest to the passive remote-sensing community. These assessments are based on laboratory measurements, and **[...] Read more.**

(This article belongs to the Special Issue **Satellite Data Application, Validation and Calibration for Atmospheric Observation (/journal/remotesensing/special_issues/rs_app_val_cal_atmos)**)

► **Show Figures**

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-ag-550.jpg?1602304863)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-g001-550.jpg?1602304862)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-g002-550.jpg?1602304862)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-g003-550.jpg?1602304862)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-g004-550.jpg?1602304862)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-g005-550.jpg?1602304862)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-g006-550.jpg?1602304862)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-g007-550.jpg?1602304862)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03267/article_deploy/html/images/remotesensing-12-03267-g008-550.jpg?1602304862)

Open Access Article (/2072-4292/12/19/3266/pdf?version=1602160092)

Potential Lidar Height, Intensity, and Ratio Parameters for Plot Dominant Species Discrimination and Volume Estimation (/2072-4292/12/19/3266)

by Taejin Park (https://sciprofiles.com/profile/53188)

Remote Sens. **2020**, *12*(19), 3266; https://doi.org/10.3390/rs12193266 (https://doi.org/10.3390/rs12193266) - 08 Oct 2020

Cited by 1 (/2072-4292/12/19/3266#metrics) | Viewed by 2106

Abstract Precise stand species classification and volume estimation are key research topics for automated forest inventory. This study aims to explore the feasibility of light detection and ranging (lidar) height, intensity, and ratio parameters for discriminating dominant species (*Pinus densiflora*, *Larix kaempferi* **[...] Read more.**

(This article belongs to the Special Issue **Earth Observation in Forest Biophysical/Biochemical Parameter Retrieval (/journal/remotesensing/special_issues/Forest_Biophysical_Retrieval)**)

► **Show Figures**

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03266/article_deploy/html/images/remotesensing-12-03266-ag-550.jpg?1602160165)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03266/article_deploy/html/images/remotesensing-12-03266-g001-550.jpg?1602160163)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03266/article_deploy/html/images/remotesensing-12-03266-g002-550.jpg?1602160163)

Open Access Article (/2072-4292/12/19/3265/pdf?version=1602160274)

Estimation of Leaf Chlorophyll *a*, *b* and Carotenoid Contents and Their Ratios Using Hyperspectral Reflectance (/2072-4292/12/19/3265)

by Rei Sonobe (https://sciprofiles.com/profile/246217), Hiroto Yamashita (https://sciprofiles.com/profile/1244621), Harumi Mihara (https://sciprofiles.com/profile/author/SEhKS21UR0xMOUFhaDJrWkZpUFBzVTIzMi9TQkRYcWp4TG81VzVSeUlvND0=), Akio Morita (https://sciprofiles.com/profile/author/V3d6L2txeUtGSndLS25QQWRweFFxWGpEOU5LNmd6OFlRdG9CQ1JZZ1FYST0=) and Takashi Ikka (https://sciprofiles.com/profile/author/N0NuN0VpNEtzMkhheUt3RG5ZVU1OOFI3Ni9yN0tnTVZQdHY3bmhodm1oRT0=)

Remote Sens. **2020**, *12*(19), 3265; https://doi.org/10.3390/rs12193265 (https://doi.org/10.3390/rs12193265) - 08 Oct 2020

Cited by 34 (/2072-4292/12/19/3265#metrics) | Viewed by 3319

Abstract Japanese horseradish (wasabi) grows in very specific conditions, and recent environmental climate changes have damaged wasabi production. In addition, the optimal culture methods are not well known, and it is becoming increasingly difficult for incipient farmers to cultivate it. Chlorophyll *a*, *b* **[...] Read more.**

(This article belongs to the Special Issue **Remote Sensing for Estimating Leaf Chlorophyll Content in Plants (/journal/remotesensing/special_issues/rs_estimating_leaf_chlorophyll_content_plants)**)

► **Show Figures**

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03265/article_deploy/html/images/remotesensing-12-03265-g001-550.jpg?1603186863)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03265/article_deploy/html/images/remotesensing-12-03265-g002-550.jpg?1603186863)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03265/article_deploy/html/images/remotesensing-12-03265-g003-550.jpg?1603186863)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03265/article_deploy/html/images/remotesensing-12-03265-g004-550.jpg?1603186863)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03265/article_deploy/html/images/remotesensing-12-03265-g005-550.jpg?1603186863)

Open Access Article (/2072-4292/12/19/3264/pdf?version=1602151838)

Adjustments to SIF Aid the Interpretation of Drought Responses at the Caatinga of Northeast Brazil (/2072-4292/12/19/3264)

by Edgard Bontempo (https://sciprofiles.com/profile/803387), Ricardo Dalagnol (https://sciprofiles.com/profile/560913), Flavio Ponzoni (https://sciprofiles.com/profile/author/WFlOY25Id0tBV0llTEtVQ3ZsNWxYcnczZVh1ZzR4MW5PQUJJTzJjWUIxMD0=) and Dalton Valeriano (https://sciprofiles.com/profile/author/Q0prY3NGV0lvVnI4Y0lZaDIrbGV1VkF1dnRJWVhGQ3dPU21aTkVxZTNIRT0=)

Remote Sens. **2020**, *12*(19), 3264; https://doi.org/10.3390/rs12193264 (https://doi.org/10.3390/rs12193264) - 08 Oct 2020

Cited by 3 (/2072-4292/12/19/3264#metrics) | Viewed by 2367

Abstract Sun-Induced chlorophyll Fluorescence (SIF) relates directly to photosynthesis yield and stress but there are still uncertainties in its interpretation. Most of these uncertainties concern the influences of the emitting vegetation's structure (e.g., leaf angles, leaf clumping) and biochemistry (e.g., chlorophyll content, other pigments) **[...]**

Back to TopTop

Read more.

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-ag-550.jpg?1602151948)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g001-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g002-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g003-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g004-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g005-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g006-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g007-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g008-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g009-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g010-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g011-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g012-550.jpg?1602151940)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03264/article_deploy/html/images/remotesensing-12-03264-g0A1-550.jpg?1602151940)

Open Access Editor's Choice Article (/2072-4292/12/19/3263/pdf?version=1602150293)

Wide-Area Near-Real-Time Monitoring of Tropical Forest Degradation and Deforestation Using Sentinel-1 (/2072-4292/12/19/3263)

by Dirk Hoekman (https://sciprofiles.com/profile/1209225), Boris Kooij (https://sciprofiles.com/profile/1282353), Marcela Quiñones (https://sciprofiles.com/profile/author/dkg1ZmdOUi90TEtDOGJJQ1h5VEtWazh4cmMrbWhRTUZaZkFFVlFYaGlBQT0=), Sam Vellekoop (https://sciprofiles.com/profile/1248297), Ita Carolita (https://sciprofiles.com/profile/author/ZWtMeXE1Si9tL3Y5K2l5TnF0MmFtSzVvbkNiYmhVeFBrOENGWUlTaytCbz0=), Syarif Budhiman (https://sciprofiles.com/profile/author/NmdNcGVPbmZTaElLM2hMVlJmYmhvbVoyNlZRcTZCdVM4cU90cGJxeFltYz0=), Rahmat Arief (https://sciprofiles.com/profile/1268110) and Orbita Roswintiarti (https://sciprofiles.com/profile/926430)

Remote Sens. **2020**, *12*(19), 3263; https://doi.org/10.3390/rs12193263 (https://doi.org/10.3390/rs12193263) - 08 Oct 2020

Cited by 20 (/2072-4292/12/19/3263#metrics) | Viewed by 5907

Abstract The use of Sentinel-1 (S1) radar for wide-area, near-real-time (NRT) tropical-forest-change monitoring is discussed, with particular attention to forest degradation and deforestation. Since forest change can relate to processes ranging from high-impact, large-scale conversion to low-impact, selective logging, and can occur in sites **[...]** **Read more.**

(This article belongs to the Special Issue **Advances in Remote Sensing for Global Forest Monitoring (/journal/remotesensing/special_issues/Global_Forest_Monitoring)**)

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-ag-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g001-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g002-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g003-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g004-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g005-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g006-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g007-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g008-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g009-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g010-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g011-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g012-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g013-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g014-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g015-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g016-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g017-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g018a-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g018b-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g019a-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g019b-550.jpg?1602150424)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03263/article_deploy/html/images/remotesensing-12-03263-g020-550.jpg?1602150424)

Open Access Letter (/2072-4292/12/19/3262/pdf?version=1602148397)

Single-Stage Rotation-Decoupled Detector for Oriented Object (/2072-4292/12/19/3262)

by Bo Zhong (https://sciprofiles.com/profile/97724) and Kai Ao (https://sciprofiles.com/profile/1227728)

Remote Sens. **2020**, *12*(19), 3262; https://doi.org/10.3390/rs12193262 (https://doi.org/10.3390/rs12193262) - 08 Oct 2020

Cited by 16 (/2072-4292/12/19/3262#metrics) | Viewed by 3800

Abstract Oriented object detection has received extensive attention in recent years, especially for the task of detecting targets in aerial imagery. Traditional detectors locate objects by horizontal bounding boxes (HBBs), which may cause inaccuracies when detecting objects with arbitrary oriented angles, dense distribution and **[...]** **Read more.**

(This article belongs to the Special Issue **Object Detection from Aerial and Space Platforms Using Deep Learning Methods (/journal/remotesensing/special_issues/Aerial_Space_Platforms)**)

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03262/article_deploy/html/images/remotesensing-12-03262-ag-550.jpg?1602148480)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03262/article_deploy/html/images/remotesensing-12-03262-g001-550.jpg?1602148478)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03262/article_deploy/html/images/remotesensing-12-03262-g002-550.jpg?1602148478)

Back to TopTop

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03262/article_deploy/html/images/remotesensing-12-03262-g003-550.jpg?1602148478)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03262/article_deploy/html/images/remotesensing-12-03262-g004-550.jpg?1602148478)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03262/article_deploy/html/images/remotesensing-12-03262-g005-550.jpg?1602148478)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03262/article_deploy/html/images/remotesensing-12-03262-g006-550.jpg?1602148478)

Open Access Article (/2072-4292/12/19/3261/pdf?version=1602250502)

A Cloud Detection Method Using Convolutional Neural Network Based on Gabor Transform and Attention Mechanism with Dark Channel Subnet for Remote Sensing Image (/2072-4292/12/19/3261)

by Jing Zhang (https://sciprofiles.com/profile/1207335),
Qin Zhou (https://sciprofiles.com/profile/author/R1RRQUtqRkVMaXhBdndneFhuSmdhS2VvdUxGb3JDVktwVE1tbWZHNFJYQT0=),
Jun Wu (https://sciprofiles.com/profile/author/ejZEQmFXaWRwWGQzWTRwOVdCSnR6bnVqL3JSMXVRcVJyckgrZ2hzejI3az0=),
Yuchen Wang (https://sciprofiles.com/profile/author/MCtQcWszZVg4aENJczhYSG9qRGdKQ2xWNC81Y0RtdGZLNlhqeUtCZTFlUT0=),
Hui Wang (https://sciprofiles.com/profile/author/a0RDTDlrWHJHZmM2dU16UkJqK2VaMmlUV1dROEw5L3RDRUlBQnhyLzZ2RT0=),
Yunsong Li (https://sciprofiles.com/profile/362125),
Yuzhou Chai (https://sciprofiles.com/profile/author/M1g4bFgyVnJqdG5Kak9KSjM1UHNQWEJxK1JnZTZ5dUJrRk1oSVNhT3BiWT0=) and
Yang Liu (https://sciprofiles.com/profile/author/VXAwTjdHRDF0c01RSHVyYWhPQ1BWQT09)

Remote Sens. **2020**, *12*(19), 3261; https://doi.org/10.3390/rs12193261 (https://doi.org/10.3390/rs12193261) - 07 Oct 2020
Cited by 14 (/2072-4292/12/19/3261#metrics) | Viewed by 3002

Abstract Cloud detection, as a crucial step, has always been a hot topic in the field of optical remote sensing image processing. In this paper, we propose a deep learning cloud detection Network that is based on the Gabor transform and Attention modules with **[...] Read more.**

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-ag-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g001-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g002-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g003-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g004-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g005-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g006-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g007-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g008-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g009-550.jpg?1602320014)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03261/article_deploy/html/images/remotesensing-12-03261-g010-550.jpg?1602320014)

Open Access Article (/2072-4292/12/19/3260/pdf?version=1602216730)

Supervised Segmentation of Ultra-High-Density Drone Lidar for Large-Area Mapping of Individual Trees (/2072-4292/12/19/3260)

by Martin Krůček (https://sciprofiles.com/profile/958891), Kamil Král (https://sciprofiles.com/profile/973248),
KC Cushman (https://sciprofiles.com/profile/941126), Azim Missarov (https://sciprofiles.com/profile/960210) and
James R. Kellner (https://sciprofiles.com/profile/499352)

Remote Sens. **2020**, *12*(19), 3260; https://doi.org/10.3390/rs12193260 (https://doi.org/10.3390/rs12193260) - 07 Oct 2020
Cited by 18 (/2072-4292/12/19/3260#metrics) | Viewed by 4493

Abstract We applied a supervised individual-tree segmentation algorithm to ultra-high-density drone lidar in a temperate mountain forest in the southern Czech Republic. We compared the number of trees correctly segmented, stem diameter at breast height (DBH), and tree height from drone-lidar segmentations to field-inventory **[...] Read more.**
(This article belongs to the Special Issue **3D Forest Structure Observation (/journal/remotesensing/special_issues/3d_forest_structure)**)

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g001-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g002-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g003-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g004-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g005-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g006-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g007-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g008-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g0A1-550.jpg?1607052172)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03260/article_deploy/html/images/remotesensing-12-03260-g0A2-550.jpg?1607052172)

Open Access Article (/2072-4292/12/19/3259/pdf?version=1602310775)

Tailored Algorithms for the Detection of the Atmospheric Boundary Layer Height from Common Automatic Lidars and Ceilometers (ALC) (/2072-4292/12/19/3259)

by Simone Kotthaus (https://sciprofiles.com/profile/811175),
Martial Haeffelin (https://sciprofiles.com/profile/author/ZU9uWHJ5aHZoK2w1c2FzYlZrOVdnVGhVc0xiaUZCblRvVFkwa280TWhWbz0=),
Marc-Antoine Drouin (https://sciprofiles.com/profile/1236178), Jean-Charles Dupont (https://sciprofiles.com/profile/406211),
Sue Grimmond (https://sciprofiles.com/profile/author/dW9pUVQrQU9CcEsrYk8zeUpaVVFzcEJSZTUveFVRMkdhUk5rTmR1T3BDRT0=),
Alexander Haefele (https://sciprofiles.com/profile/926803),
Maxime Hervo (https://sciprofiles.com/profile/author/eTZuZnU3ajg4cy9hNE4wUENvS3orR1F2dlJWRmdPSXlIV2pxdkNCZ3NxUT0=),
Yann Poltera (https://sciprofiles.com/profile/author/aDdHaVplRVQ1b3A2OEVJemhtM0FydDBVQXRnV1pDdFZRMHpwbnVyaWpYQT0=) and
Matthias Wiegner (https://sciprofiles.com/profile/156029)

Remote Sens. **2020**, *12*(19), 3259; https://doi.org/10.3390/rs12193259 (https://doi.org/10.3390/rs12193259) - 07 Oct 2020
Cited by 14 (/2072-4292/12/19/3259#metrics) | Viewed by 2737

Abstract A detailed understanding of atmospheric boundary layer (ABL) processes is key to improve forecasting of pollution dispersion and cloud dynamics in the context of future climate scenarios. International networks of automatic lidars and ceilometers (ALC) are gathering valuable data that allow for the **[...] Read more.**
(This article belongs to the Special Issue **Remote Sensing of the Atmospheric Boundary Layer (/journal/remotesensing/special_issues/abl_rs)**)

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03259/article_deploy/html/images/remotesensing-12-03259-ag-550.jpg?1602324781)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03259/article_deploy/html/images/remotesensing-12-03259-g001-550.jpg?1602324781)

Back to TopTop

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03259/article_deploy/html/images/remotesensing-12-03259-g002-550.jpg?1602324781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03259/article_deploy/html/images/remotesensing-12-03259-g003-550.jpg?1602324781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03259/article_deploy/html/images/remotesensing-12-03259-g004-550.jpg?1602324781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03259/article_deploy/html/images/remotesensing-12-03259-g005-550.jpg?1602324781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03259/article_deploy/html/images/remotesensing-12-03259-g006-550.jpg?1602324781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03259/article_deploy/html/images/remotesensing-12-03259-g007-550.jpg?1602324781)

Open Access Article (/2072-4292/12/19/3258/pdf?version=1602296165)

Deep Learning in Hyperspectral Image Reconstruction from Single RGB images—A Case Study on Tomato Quality Parameters (/2072-4292/12/19/3258)

by Jiangsan Zhao (https://sciprofiles.com/profile/926644), Dmitry Kechasov (https://sciprofiles.com/profile/1258961), Boris Rewald (https://sciprofiles.com/profile/131878), Gernot Bodner (https://sciprofiles.com/profile/95969), Michel Verheul (https://sciprofiles.com/profile/748059), Nicholas Clarke (https://sciprofiles.com/profile/1018491) and Jihong Liu Clarke (https://sciprofiles.com/profile/1549572)

Remote Sens. **2020**, *12*(19), 3258; https://doi.org/10.3390/rs12193258 (https://doi.org/10.3390/rs12193258) - 07 Oct 2020
Cited by 12 (/2072-4292/12/19/3258#metrics) | Viewed by 4144

Abstract Hyperspectral imaging has many applications. However, the high device costs and low hyperspectral image resolution are major obstacles limiting its wider application in agriculture and other fields. Hyperspectral image reconstruction from a single RGB image fully addresses these two problems. The robust HSCNN-R **[...] Read more.**

(This article belongs to the Special Issue Acquire and Perceive: Novel Approaches for Imaging-Based Plant Phenotyping (/journal/remotesensing/special_issues/image_pheno))

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03258/article_deploy/html/images/remotesensing-12-03258-ag-550.jpg?1602321747)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03258/article_deploy/html/images/remotesensing-12-03258-g001-550.jpg?1602321747)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03258/article_deploy/html/images/remotesensing-12-03258-g002-550.jpg?1602321747)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03258/article_deploy/html/images/remotesensing-12-03258-g003-550.jpg?1602321747)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03258/article_deploy/html/images/remotesensing-12-03258-g004-550.jpg?1602321747)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03258/article_deploy/html/images/remotesensing-12-03258-g005-550.jpg?1602321747)

Open Access Article (/2072-4292/12/19/3257/pdf?version=1602173980)

Improving Water Leaving Reflectance Retrievals from ABI and AHI Data Acquired Over Case 2 Waters from Present Geostationary Weather Satellite Platforms (/2072-4292/12/19/3257)

by Bo-Cai Gao (https://sciprofiles.com/profile/6018) and Rong-Rong Li (https://sciprofiles.com/profile/95915)

Remote Sens. **2020**, *12*(19), 3257; https://doi.org/10.3390/rs12193257 (https://doi.org/10.3390/rs12193257) - 07 Oct 2020
Cited by 2 (/2072-4292/12/19/3257#metrics) | Viewed by 1832

Abstract The current generation of geostationary weather satellite instruments, such as the Advanced Baseline Imagers (ABIs) on board the US NOAA GOES 16 and 17 satellites and the Advanced Himawari Imagers (AHIs) on board the Japanese Himawari-8/9 satellites, have six channels located in the **[...] Read more.**

(This article belongs to the Special Issue Remote Sensing of the Aquatic Environments (/journal/remotesensing/special_issues/remote_sensing_aquatic_environments))

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03257/article_deploy/html/images/remotesensing-12-03257-ag-550.jpg?1602291782)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03257/article_deploy/html/images/remotesensing-12-03257-g001-550.jpg?1602291781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03257/article_deploy/html/images/remotesensing-12-03257-g002-550.jpg?1602291781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03257/article_deploy/html/images/remotesensing-12-03257-g003-550.jpg?1602291781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03257/article_deploy/html/images/remotesensing-12-03257-g004-550.jpg?1602291781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03257/article_deploy/html/images/remotesensing-12-03257-g005-550.jpg?1602291781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03257/article_deploy/html/images/remotesensing-12-03257-g006-550.jpg?1602291781)
(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03257/article_deploy/html/images/remotesensing-12-03257-g007-550.jpg?1602291781)

Open Access Article (/2072-4292/12/19/3256/pdf?version=1602070486)

Comparison of Spectral Reflectance-Based Smart Farming Tools and a Conventional Approach to Determine Herbage Mass and Grass Quality on Farm (/2072-4292/12/19/3256)

by Leonie Hart (https://sciprofiles.com/profile/1246717), Olivier Huguenin-Elie (https://sciprofiles.com/profile/author/SFlacS91czBxeHZnWUx2MlJKSVJyR1hPSm9XQkh6a0l1VE9vMURldDFSTE9adlErMFpLWXFzZFJBT1VnSFdnZv
,
Roy Latsch (https://sciprofiles.com/profile/author/UDAyQlRnS1dGWGxwSzBPNE5CWXd3TXhSMnNaZkJrdFdFVFVybUxqZ0VMVT0=), Michael Simmler (https://sciprofiles.com/profile/1250325), Sébastien Dubois (https://sciprofiles.com/profile/author/dEV3QXhEQXc5L25zamJSYS9Yb3VRMnNkL0ZONjEwVlZPSUY5bDBLUzBFb1Q4REsxL0Fidm1STDhQSUdsTmt5W
and
Christina Umstatter (https://sciprofiles.com/profile/819226)

Remote Sens. **2020**, *12*(19), 3256; https://doi.org/10.3390/rs12193256 (https://doi.org/10.3390/rs12193256) - 07 Oct 2020
Cited by 7 (/2072-4292/12/19/3256#metrics) | Viewed by 2590

Abstract The analysis of multispectral imagery (MSI) acquired by unmanned aerial vehicles (UAVs) and mobile near-infrared reflectance spectroscopy (NIRS) used on-site has become increasingly promising for timely assessments of grassland to support farm management. However, a major challenge of these methods is their calibration, **[...] Read more.**

(This article belongs to the Special Issue Remote Sensing of Grassland Ecosystem (/journal/remotesensing/special_issues/grassland_ecosystem))

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03256/article_deploy/html/images/remotesensing-12-03256-ag-550.jpg?1602077011) (https://pub.mdpi-res.com/remotesensing/remotesensing-12-03256/article_deploy/html/images/remotesensing-12-03256-g001-550.jpg?1602077011) (https://pub.mdpi-res.com/remotesensing/remotesensing-12-03256/article_deploy/html/images/remotesensing-12-03256-g002-550.jpg?1602077011) (https://pub.mdpi-res.com/remotesensing/remotesensing-12-03256/article_deploy/html/images/remotesensing-12-03256-g003-550.jpg?1602077011) (https://pub.mdpi-res.com/remotesensing/remotesensing-12-03256/article_deploy/html/images/remotesensing-12-03256-g004-550.jpg?1602077011) (https://pub.mdpi-res.com/remotesensing/remotesensing-12-03256/article_deploy/html/images/remotesensing-12-03256-g005-550.jpg?1602077011) (https://pub.mdpi-res.com/remotesensing/remotesensing-12-03256/article_deploy/html/images/remotesensing-12-03256-g006-550.jpg?1602077011)

Back to TopTop

Open Access Technical Note (/2072-4292/12/19/3255/pdf?version=1602068372)

A Priority Data Association Policy for Multitarget Tracking on Intelligent Vehicle Risk Assessment (/2072-4292/12/19/3255)

by Dequan Zeng (https://sciprofiles.com/profile/author/R3B2ejVqTTFBNEVYUnhFb2NwQmIqcFhMNWJwSU9wbkp4bUhIeC91QEh4Yz0=), Lu Xiong (https://sciprofiles.com/profile/674920), Zhuoping Yu (https://sciprofiles.com/profile/author/TGZQYVpTREdJQzFtZHFHdTNmR3Rob0VTdVRKMUpiS0lGb1JWaGlwUThNND0=), Qiping Chen (https://sciprofiles.com/profile/2299447), Zhiqiang Fu (https://sciprofiles.com/profile/1624442), Zhuoren Li (https://sciprofiles.com/profile/author/QzhkUVllY0QrSDBtT3VJc3E3Z2docEtWVjRrY0lwb0lwMVAzb1JMRGFQST0=), Peizhi Zhang (https://sciprofiles.com/profile/author/M2F2Q01pR2g2Y3hCOFBUQStRWW93V0hYZDQrOFgxeVcrWG9EL1ZCakpVYz0=), Puhang Xu (https://sciprofiles.com/profile/author/QVVESDVMZlQ4bUxYYXI3dlc0UzNjWUQwL1lMb1dPVmFaTW56ZzJlbmZkTT0=), Zixuan Qian (https://sciprofiles.com/profile/author/eUVHV0xkOVQ2RFJUcmNCeER1ZkhoaGF1TnZ2a2RXZUtDa1lQOGVVRnQ5UT0=), Hongyu Xiao (https://sciprofiles.com/profile/author/QituTXpPVmdpMEZibnQ5RVFtMGltT05SSkpjSTFQN0pMalhGQzRrd2JDbz0=), Peiyuan Fang (https://sciprofiles.com/profile/author/NTlaem9hd2ovV0h5bHZiU0dKd1RmSzZza3FGK05YcVFma2ozM1l1a1ZPRT0=), Zhiqiang Li (https://sciprofiles.com/profile/author/d3FjNkl6VXRTQ0VYYUN3cTFRcG9kb0QvTWtMVmlrTUFvbzZEbjlYMWFiVT0=) and Bo Leng (https://sciprofiles.com/profile/1278592)

Remote Sens. **2020**, *12*(19), 3255; https://doi.org/10.3390/rs12193255 (https://doi.org/10.3390/rs12193255) - 07 Oct 2020

Abstract In order to conduct risk assessment for collision-free decision making of intelligent vehicles in a complex road traffic environment, it is essential to conduct stable tracking and state estimation of multiple vehicle targets. Therefore, this paper proposes a multitarget tracking method in line **[...] Read more.**

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-ag-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g001-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g002-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g003-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g004-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g005a-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g005b-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g006a-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g006b-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g007-550.jpg?1602076624)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03255/article_deploy/html/images/remotesensing-12-03255-g008-550.jpg?1602076624)

Open Access Article (/2072-4292/12/19/3254/pdf?version=1602322792)

An Ensemble Learning Approach for Urban Land Use Mapping Based on Remote Sensing Imagery and Social Sensing Data (/2072-4292/12/19/3254)

by Zhou Huang (https://sciprofiles.com/profile/58271), Houji Qi (https://sciprofiles.com/profile/1294664), Chaogui Kang (https://sciprofiles.com/profile/313636), Yuelong Su (https://sciprofiles.com/profile/author/STd1MmdoNTBsUCs0NTlNSlFJQ3dPL2hienN1Q3haaXEvV1pwSG1PeVlnVT0=) and Yu Liu (https://sciprofiles.com/profile/195433)

Remote Sens. **2020**, *12*(19), 3254; https://doi.org/10.3390/rs12193254 (https://doi.org/10.3390/rs12193254) - 07 Oct 2020

Abstract Urban land use mapping is crucial for effective urban management and planning due to the rapid change of urban processes. State-of-the-art approaches rely heavily on the socioeconomic, topographical, infrastructural and land cover information of urban environments via feeding them into ad hoc classifiers **[...] Read more.**
(This article belongs to the Section **Urban Remote Sensing (/journal/remotesensing/sections/urban_remote_sensing)**)

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-ag-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g001-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g002-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g003-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g004-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g005-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g006-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g007-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g008-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g009-550.jpg?1602328620)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03254/article_deploy/html/images/remotesensing-12-03254-g0A1-550.jpg?1602328620)

Open Access Article (/2072-4292/12/19/3253/pdf?version=1602323831)

Evaluation of Remote Sensing and Reanalysis Snow Depth Datasets over the Northern Hemisphere during 1980–2016 (/2072-4292/12/19/3253)

by Lin Xiao (https://sciprofiles.com/profile/1221626), Tao Che (https://sciprofiles.com/profile/109533) and Liyun Dai (https://sciprofiles.com/profile/92724)

Remote Sens. **2020**, *12*(19), 3253; https://doi.org/10.3390/rs12193253 (https://doi.org/10.3390/rs12193253) - 07 Oct 2020

Abstract Snow cover is a key parameter of the climate system and its significant seasonal and annual variability have significant impacts on the surface energy balance and global water circulation. However, current snow depth datasets show large inconsistencies and uncertainties, which limit their applications **[...] Read more.**
(This article belongs to the Special Issue **Fusion of High-Level Remote Sensing Products (/journal/remotesensing/special_issues/fusion_products)**)

► Show Figures

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03253/article_deploy/html/images/remotesensing-12-03253-ag-550.jpg?1602329038)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03253/article_deploy/html/images/remotesensing-12-03253-g001-550.jpg?1602329038)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03253/article_deploy/html/images/remotesensing-12-03253-g002-550.jpg?1602329038)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03253/article_deploy/html/images/remotesensing-12-03253-g003-550.jpg?1602329038)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03253/article_deploy/html/images/remotesensing-12-03253-g004-550.jpg?1602329038)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03253/article_deploy/html/images/remotesensing-12-03253-g005-550.jpg?1602329038)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03253/article_deploy/html/images/remotesensing-12-03253-g006-550.jpg?1602329038)

(https://pub.mdpi-res.com/remotesensing/remotesensing-12-03253/article_deploy/html/images/remotesensing-12-03253-g007-550.jpg?1602329038)

Back to TopTop

Open Access Letter (/2072-4292/12/19/3252/pdf?version=1602061171)

Determination of Epicenters before Earthquakes Utilizing Far Seismic and GNSS Data: Insights from Ground Vibrations (/2072-4292/12/19/3252)

by Chieh-Hung Chen (https://sciprofiles.com/profile/977419),
Li-Ching Lin (https://sciprofiles.com/profile/author/R1dFS1gzdlJWekdmL3Z5bkhOdXVuQzlvYk9iT3o1VXZjVDhUSFEwQVl2OD0=),
Ta-Kang Yeh (https://sciprofiles.com/profile/155985), Strong Wen (https://sciprofiles.com/profile/973758),
Huaizhong Yu (https://sciprofiles.com/profile/1870938),
Chen Yu (https://sciprofiles.com/profile/author/Umg3SDY3NTJaYytua3doYjB5aFRIR0RDTzlvdk9TYytmZmZFWSt4VnJnRT0=),
Yongxin Gao (https://sciprofiles.com/profile/1260341), Peng Han (https://sciprofiles.com/profile/1087792),
Yang-Yi Sun (https://sciprofiles.com/profile/2241721), Jann-Yenq Liu (https://sciprofiles.com/profile/2127239),
Cheng-Horng Lin (https://sciprofiles.com/profile/285324),
Chi-Chia Tang (https://sciprofiles.com/profile/author/YzkwMm4wWnBLTi9XKzVRa3hXSEZHcWtPV2o2RjZGMnlrRlduSnlvYVhUST0=),
Che-Min Lin (https://sciprofiles.com/profile/1204408),
Hung-Hao Hsieh (https://sciprofiles.com/profile/author/aWlLZkxWeXd0V2JlcFpycDNFdEVEWG5hWEFWR09yRldvVGxUdWZhdEs5ND0=) and
Pin-Ji Lu (https://sciprofiles.com/profile/author/cVZKMlpuZkVneUUyVUV6elFZN2tpYk5MVXZYS3M5QVl5amYzRTRtTlZaTT0=)

Remote Sens. **2020**, *12*(19), 3252; https://doi.org/10.3390/rs12193252 (https://doi.org/10.3390/rs12193252) - 07 Oct 2020
Cited by 11 (/2072-4292/12/19/3252#metrics) | Viewed by 2621

Abstract Broadband seismometers, ground-based Global Navigation Satellite Systems (GNSS), and magnetometers that were located within an epicentral distance of approximately 150 km consistently observed the novel anomalous behaviors of the common-mode ground vibrations approximately 5–10 days before the M6.6 Meinong earthquake in Taiwan. The **[...] Read more.**

(This article belongs to the Special Issue **Earthquakes and Co-seismic Mass Movements Remote Sensing: From Prediction to Crisis Management (/journal/remotesensing/special_issues/earthquakes_remotesensing)**)

► Show Figures

Open Access Article (/2072-4292/12/19/3251/pdf?version=1602054885)

sUAS Remote Sensing of Vineyard Evapotranspiration Quantifies Spatiotemporal Uncertainty in Satellite-Borne ET Estimates (/2072-4292/12/19/3251)

by Michael Kalua (https://sciprofiles.com/profile/1254466), Anna M. Rallings (https://sciprofiles.com/profile/1247600),
Lorenzo Booth (https://sciprofiles.com/profile/author/eFJhYmxhRVUzWlppTFZMUXJlbDc1eDYrSUlnVjA3WnNlVVFyWlpROW9TST0=),
Josué Medellín-Azuara (https://sciprofiles.com/profile/384443),
Stefano Carpin (https://sciprofiles.com/profile/author/dmRlWHkzSXBya0l3WTFLSGVNUnVhU1ZlT0RVVVdLZGJNbGFMTnVvREUyMD0=) and
Joshua H. Viers (https://sciprofiles.com/profile/1052223)

Remote Sens. **2020**, *12*(19), 3251; https://doi.org/10.3390/rs12193251 (https://doi.org/10.3390/rs12193251) - 07 Oct 2020
Cited by 4 (/2072-4292/12/19/3251#metrics) | Viewed by 2732

Abstract Small Unmanned Aerial Systems (sUAS) show promise in being able to collect high resolution spatiotemporal data over small extents. Use of such remote sensing platforms also show promise for quantifying uncertainty in more ubiquitous Earth Observation System (EOS) data, such as evapotranspiration and **[...] Read more.**

(This article belongs to the Special Issue **Remote Sensing in Hydrology and Water Resources Management (/journal/remotesensing/special_issues/RS_Hydrology_and_Water_Resources_Management)**)

► Show Figures

Open Access Article (/2072-4292/12/19/3248/pdf?version=1602035801)

Identification of Polycentric Cities in China Based on NPP-VIIRS Nighttime Light Data (/2072-4292/12/19/3248)

by Mingguo Ma (https://sciprofiles.com/profile/62800), Qin Lang (https://sciprofiles.com/profile/851108), Hong Yang (https://sciprofiles.com/profile/164367),
Kaifang Shi (https://sciprofiles.com/profile/810777) and Wei Ge (https://sciprofiles.com/profile/1210154)

Remote Sens. **2020**, *12*(19), 3248; https://doi.org/10.3390/rs12193248 (https://doi.org/10.3390/rs12193248) - 07 Oct 2020
Cited by 15 (/2072-4292/12/19/3248#metrics) | Viewed by 2330

Abstract Nighttime light data play an important role in the research on cities, while the urban centers over a large spatial scale are still far from clearly understood. Aiming at the current challenges in monitoring the spatial structure of cities using nighttime light data, **[...] Read more.**

(This article belongs to the Section **Urban Remote Sensing (/journal/remotesensing/sections/urban_remote_sensing)**)

► Show Figures

Back to TopTop