

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

- Judul karya ilmiah (artikel) : Vulnerability Assessment: A Comparison of Three Different City Sizes in the Coastal Area of Central Java, Indonesia
- Jumlah Penulis : 5 penulis
- Status Pengusul : Wiwandari Handayani, **Iwan Rudiarto**, Jawoto Sih Setyono, Uchendu Eugene Chigbu, Annisa Mu'awanah Sukmawati
- Identitas Jurnal Ilmiah : a. Nama Jurnal : Advances in Climate Change Research
 b. Nomor ISSN : 1674-9278
 c. Vol.,no.,bulan,tahun : Vol.8 Issue 4, Desember 2017
 d. Penerbit : Science Press - Elsevier
 e. DOI artikel (jika ada): 10.1016/j.accre.2017.11.002
 f. Alamat web jurnal : <https://www.sciencedirect.com/science/article/pii/S1674927817300345?via%3Dihub>
 g. Terindeks di SJR Q1 1,009 (2019) dan SNIP 1,311 (2019)
- Kategori Publikasi Jurnal Ilmiah (beri ✓ pada kategori yang tepat) : Jurnal Ilmiah Internasional /internasional bereputasi
 Jurnal Ilmiah Nasional Terakreditasi
 Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional/ internasional bereputasi	Nasional Terakreditasi	Nasional	
	40	<input type="text"/>	<input type="text"/>	
a. Kelengkapan unsur isi artikel (10%)	4			4,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			11,0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12			11,0
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12			10,0
Total = (100%)	40			36,0

Nilai Pengusul :

Catatan Penilaian artikel oleh Reviewer :


- a. Penulisan isi artikel lengkap dan sudah mengacu kepada petunjuk penulisan artikel (*author guidelines*) yang disediakan oleh jurnal dalam lamannya yang terdiri dari; *title, authors and affiliations, abstract-keywords, introduction, study area, data and method, results, discussion and implications, conclusion, acknowledgement, dan references*. Penjelasan dan pembahasan dari setiap komponen penulisan merupakan penjabaran dan penilaian kerentanan yang tertera dalam judul artikel.
- b. Pembahasan cukup mendalam berhubungan dengan penilaian tingkat kerentanan dari 3 katagori kota (besar, menengah, dan kecil) yang ada di pesisir utara Jawa Tengah; Semarang, Tegal, dan Lasem dari aspek fisik, ekonomi, demografi, social, dan infrastruktur dan fasilitas. Artikel jurnal sesuai dengan bidang penulis terutama dalam konteks perencanaan dan pengembangan wilayah

pesisir yang dikaitkan dengan *climate disaster* seperti banjir dan rob. Pembahasan artikel didukung oleh 10 sumber pustaka (22%) yang merupakan artikel jurnal internasional.

- c. Terdapat total 46 sumber pustaka yang dipakai dan hamper semua sumber merupakan artikel jurnal internasional dimana 80% (37) diantaranya merupakan artikel terbitan 10 tahun terakhir. Data diambil dan dibahas secara komprehensif untuk 3 kotaynag dijadikan sebagai wilayah studi dengan menggunakan metode Exposure and sensitivity index (ESI) dan Adaptive Capacity Index (ACI) yang memiliki kebaruan.
- d. Jurnal terindeks *Scopus* dengan SJR = 1,09 tergolong Q1 yang diterbitkan oleh *Science Press* berkolaborasi dengan *Elsevier*. Jurnal berbayar untuk *open access* dan tersedia online melalui tautan DOI dan juga dilengkapi dengan ISSN dengan editorial board yang beragam.

Semarang, 14-01-2020

Reviewer 1,



Prof. Dr.rer.nat. Imam Buchori, ST
NIP. 197011231995121001
Departemen PWK, FT. Undip

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

- Judul karya ilmiah (artikel) : Vulnerability Assessment: A Comparison of Three Different City Sizes in the Coastal Area of Central Java, Indonesia
- Jumlah Penulis : 5 penulis
- Status Pengusul : Wiwandari Handayani, **Iwan Rudiarto**, Jawoto Sih Setyono, Uchendu Eugene Chigbu, Annisa Mu'awanah Sukmawati
- Identitas Jurnal Ilmiah : a. Nama Jurnal : Advances in Climate Change Research
b. Nomor ISSN : 1674-9278
c. Vol.,no.,bulan,tahun : Vol.8 Issue 4, Desember 2017
d. Penerbit : Science Press - Elsevier
e. DOI artikel (jika ada): 10.1016/j.accre.2017.11.002
f. Alamat web jurnal : <https://www.sciencedirect.com/science/article/pii/S1674927817300345?via%3Dihub>
g. Terindeks di SJR Q1 1,009 (2019) dan SNIP 1,311 (2019)
- Kategori Publikasi Jurnal Ilmiah : Jurnal Ilmiah Internasional /internasional bereputasi
(beri ✓ pada kategori yang tepat) Jurnal Ilmiah Nasional Terakreditasi
 Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional/ internasional bereputasi	Nasional Terakreditasi	Nasional	
	40	<input type="text"/>	<input type="text"/>	
a. Kelengkapan unsur isi artikel (10%)	4			4,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			10,0
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12			10,0
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12			10,0
Total = (100%)	40			34,0

Nilai Pengusul :

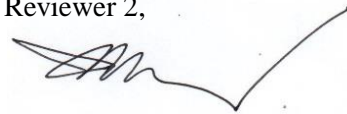
Catatan Penilaian artikel oleh *Reviewer* :

- a. Isi artikel sesuai dengan *template* penulisan jurnal yang tersedia dalam laman jurnal. Penulisan dan pembahasan setiap komponen tulisan merepresentasikan judul yang diangkat yang berhubungan dengan penilaian kerentanan untuk tiga katagori kota di Jawa Tengah.
- b. Penilaian tingkat kerentanan di tiga kota di pesisir utara Jawa Tengah (Semarang, Tegal, dan Lasem) dibahas secara mendalam dari aspek demografi, ekonomi, sosial, fisik, dan infrastruktur dan fasilitas dengan menggunakan metode ESI dan ACI dengan melibatkan sebanyak 10 sumber pustaka dari jurnal internasional. Artikel jurnal sesuai dengan bidang ilmu penulis terutama berhubungan dengan perencanaan di wilayah pesisir yang terdampak banjir dan rob.

- c. Artikel ini didukung oleh total 46 literatur dimana 80% diantaranya merupakan artikel jurnal internasional terbitan 10 tahun terakhir. Artikel didukung oleh data dan metode kebaruan yang cukup dengan membandingkan tingkat kerentanan di tiga kota yang dinilai dimana metode penilaian kerentanan yang digunakan diadopsi dan dikembangkan dari berbagai sumber sesuai konteks wilayah studi.
- d. Jurnal internasional bereputasi tinggi terbitan *Science Press* berkolaborasi dengan *Elsevier* dan terindeks *Scopus* dengan SJR 1,009 termasuk dalam Q1. Jurnal berbayar untuk *open access* dengan tautan DOI dan tersedia online dengan *editorial board* beragam dari berbagai negara.

Semarang, 07-02-2020

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP
NIP. 195407171982032001
Departemen PWK, FT. Undip

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

Judul karya ilmiah (artikel) : Vulnerability Assessment: A Comparison of Three Different City Sizes in the Coastal Area of Central Java, Indonesia

Jumlah Penulis : 5 penulis

Status Pengusul : Wiwandari Handayani, **Iwan Rudiarto**, Jawoto Sih Setyono, Uchendu Eugene Chigbu, Annisa Mu'awanah Sukmawati

Identitas Jurnal Ilmiah : a. Nama Jurnal : Advances in Climate Change Research
b. Nomor ISSN : 1674-9278
c. Vol.,no.,bulan,tahun : Vol.8 Issue 4, Desember 2017
d. Penerbit : Science Press - Elsevier
e. DOI artikel (jika ada): 10.1016/j.accre.2017.11.002
f. Alamat web jurnal : <https://www.sciencedirect.com/science/article/pii/S1674927817300345?via%3Dihub>
g. Terindeks di SJR Q1 1,009 (2019) dan SNIP 1,311 (2019)

Kategori Publikasi Jurnal Ilmiah : Jurnal Ilmiah Internasional /internasional bereputasi
(beri ✓ pada kategori yang tepat) Jurnal Ilmiah Nasional Terakreditasi
 Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Reviewer		
	Reviewer I	Reviewer II	Nilai Rata-rata
a. Kelengkapan unsur isi artikel (10%)	4,0	4,0	4,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	11,0	10,0	10,5
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	11,0	10,0	10,5
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	10,0	10,0	10,0
Total = (100%)	36,0	34,0	35,0

Semarang, 09-03-2020

Reviewer 1,



Prof. Dr. rer. nat. Imam Buchori, ST
NIP. 197011231995121001
Departemen PWK FT.Undip

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP
NIP. 195407171982032001
Departemen PWK FT.Undip

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

Judul karya ilmiah (artikel) : Vulnerability Assessment: A Comparison of Three Different City Sizes in the Coastal Area of Central Java, Indonesia

Jumlah Penulis : 5 penulis

Status Pengusul : Wiwandari Handayani, **Iwan Rudiarto**, Jawoto Sih Setyono, Uchendu Eugene Chigbu, Annisa Mu'awanah Sukmawati

Identitas Jurnal Ilmiah : a. Nama Jurnal : Advances in Climate Change Research
b. Nomor ISSN : 1674-9278
c. Vol.,no.,bulan,tahun : Vol.8 Issue 4, Desember 2017
d. Penerbit : Science Press - Elsevier
e. DOI artikel (jika ada): 10.1016/j.accre.2017.11.002
f. Alamat web jurnal : <https://www.sciencedirect.com/science/article/pii/S1674927817300345?via%3Dihub>
g. Terindeks di SJR Q1 1,009 (2019) dan SNIP 1,311 (2019)

Kategori Publikasi Jurnal Ilmiah (beri ✓ pada kategori yang tepat) : Jurnal Ilmiah Internasional /internasional bereputasi
 Jurnal Ilmiah Nasional Terakreditasi
 Jurnal Ilmiah Nasional /Nasional di DOAJ,CABI, COPERNICUS

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional/internasional bereputasi 40	Nasional Terakreditasi	Nasional	
a. Kelengkapan unsur isi artikel (10%)	4			4,0
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			10,5
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12			10,5
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	12			10,0
Total = (100%)	40			35,0
Nilai Pengusul :				

Semarang, 09-03-2020

Reviewer 1,



Prof. Dr. rer. nat. Imam Buchori, ST
NIP. 197011231995121001
Departemen PWK FT.Undip

Reviewer 2,



Prof. Dr. Ir. Nany Yulastuti, MSP
NIP. 195407171982032001
Departemen PWK FT.Undip

Advances in Climate Change Research

18

H Index

Country [China](#) -  SIR Ranking of China

Subject Area and Category [Earth and Planetary Sciences](#)
[Atmospheric Science](#)

[Environmental Science](#)
[Global and Planetary Change](#)
[Management, Monitoring, Policy and Law](#)

Publisher [Science Press](#)

Publication type [Journals](#)

ISSN 16749278

Coverage 2010-2020

Scope Advances in Climate Change Research publishes scientific research and analyses on climate change and the interactions of climate change with society. This journal encompasses basic science and economic, social, and policy research, including studies on mitigation and adaptation to climate change. This journal attempts to promote research in climate change and provide an impetus for the application of research achievements in numerous aspects, such as socioeconomic sustainable development, responses to the adaptation and mitigation of climate change, diplomatic negotiations of climate and environment policies, and the protection and exploitation of natural resources. This journal also aims to make complex, policy-related analyses of climate change issues accessible to a wide audience. Articles may focus on a broad range of topics at the interface of climate change and society, including policy and socioeconomic impacts of climate change. Due to the interdisciplinary nature of this journal, studies that involve natural scientists, social scientists, and policy managers are particularly encouraged.

- [Homepage](#)
- [How to publish in this journal](#)
- [Join the conversation about this journal](#)



Document details




< Back to results | < Previous 20 of 21 Next >

 Export  Download  Print  E-mail  Save to PDF  Add to List  More... >

[View at Publisher](#)

Advances in Climate Change Research [Open Access](#)
Volume 8, Issue 4, December 2017, Pages 286-296

Vulnerability assessment: A comparison of three different city sizes in the coastal area of Central Java, Indonesia [\(Article\)](#) [\(Open Access\)](#)

Handayani, W.^a  [Rudiarto, I.^a](#)  Setyono, J.S.^a  Chigbu, U.E.^b  Sukmawati, A.M.^c 

^aDepartment of Urban and Regional Planning, University of Diponegoro, Semarang, 50275, Indonesia

^bInstitute of Geodesy, Geoinformatics, and Land Management, Technical University of Munich, Munich, 80333, Germany

^cDepartment of Urban and Regional Planning, University of Technology Yogyakarta, Yogyakarta, 55164, Indonesia


Abstract


[View references \(45\)](#)

Considering the importance of connecting urbanization phenomena and vulnerability assessments, this paper aims to explore vulnerability assessment in three different city sizes in the northern coast of Central Java province of Indonesia. It compares the vulnerability levels of the three cities based on their sizes (that is, levels of urbanization). It uses the most current secondary data from the lowest administrative levels, called as kelurahan (urban village), for its assessment. There are two indexes used to indicate their vulnerability levels, namely exposure and sensitivity index (ESI) and adaptive capacity index (ACI). By combining the ESI and ACI, the study found that the kelurahans in Tegal (the medium sized city) have similar vulnerability levels. The kelurahans in Semarang (as the big city) have more combination of vulnerability levels—indicating that the city has various sensitivity, exposure, as well as adaptive capacity among its kelurahans. In Lasem (the small sized city), due to limitations imposed by adaptation—mostly because of lack of public services and high dependency on primary economic sectors—all of its kelurahans were found to be vulnerable. The study therefore concluded that the bigger a city is, the more the different areas of that city will have varying levels of vulnerability, leading to a high propensity of vulnerability among its inhabitants. On the other hand, the smaller a city is, the less capacity it will have in reducing its emerging vulnerability challenges. © 2017 National Climate Center (China Meteorological Administration)

Metrics [View all metrics >](#)

18  Citations in Scopus
79th percentile

1.59  Field-Weighted Citation Impact

 PlumX Metrics
Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 18 documents

The effect of spatial proximity to cities on rural vulnerability against flooding: An indicator based approach

Jamshed, A., Birkmann, J., Ahmad Rana, I. (2020) *Ecological Indicators*

The relevance of city size to the vulnerability of surrounding rural areas: An empirical study of flooding in Pakistan

Jamshed, A., Birkmann, J., Rana, I.A. (2020) *International Journal of Disaster Risk Reduction*

Source details

[Feedback >](#) [Compare sources >](#)

Advances in Climate Change Research

[Open Access](#) 

Scopus coverage years: from 2010 to Present

Publisher: Science Press

ISSN: 1674-9278

Subject area: [Environmental Science: Management, Monitoring, Policy and Law](#) [Earth and Planetary Sciences: Atmospheric Science](#)
[Environmental Science: Global and Planetary Change](#)

[View all documents >](#) [Set document alert](#)  Save to source list [Journal Homepage](#)

CiteScore 2019
5.2 

SJR 2019
1.009 

SNIP 2019
1.311 


[CiteScore](#) [CiteScore rank & trend](#) [Scopus content coverage](#)

Improved CiteScore methodology

CiteScore 2019 counts the citations received in 2016-2019 to articles, reviews, conference papers, book chapters and data papers published in 2016-2019, and divides this by the number of publications published in 2016-2019. [Learn more >](#)

CiteScore **2019** 
5.2 = $\frac{569 \text{ Citations } 2016 - 2019}{110 \text{ Documents } 2016 - 2019}$

Calculated on 06 May, 2020

CiteScoreTracker **2020** 
5.6 = $\frac{533 \text{ Citations to date}}{96 \text{ Documents to date}}$

Last updated on 09 August, 2020 • Updated monthly



Advances in Climate Change Research

- Guide for Authors
- Submit Your Paper
- View Articles
- Open Access
- Journal Insights
- Abstracting/Indexing
- Most Downloaded Articles
- Recent Articles
- Most Cited Articles
- News
- Altmetrics - Top Rated Articles
- Call for Papers

Stay Informed

Register your interest and receive email alerts tailored to your needs. Sign up below.

Submit

Share this page:

Advances in Climate Change Research Editorial Board

Editor-in-Chief

QIN Da-He

China Meteorological Administration

Associate Editor-in-Chief

Deliang CHEN

Department of Earth Sciences, University of Gothenburg

DING Yi-Hui

National Climate Center, China Meteorological Administration

Feifei JIN

University of Hawaii

LI Jian-Ping

Ocean University of China

LIN Er-Da

Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences

LUO Yong

Center for Earth System Science, Tsinghua University

PAN Jia-Hua

Research Center for Sustainable Development, Chinese Academy of Social Sciences

QI Ye

Institute for Public Policy, Hong Kong University of Science and Technology

SHEN Yong-Ping

Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences

Shuaihua CHENG

German Development Institute

SONG Lian-Chun

National Climate Center, China Meteorological Administration

Xiaoming WANG

Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences

Xuebin ZHANG

Climate Data Analysis Section, Environment Canada

YU Ru-Cong

China Meteorological Administration

Zbyszek KUNDZEWICZ

Institute for Agricultural and Forest Environment, Polish Academy of Sciences

ZHANG Xiao-Ye

Chinese Academy of Meteorological Sciences

ZHANG Xi-Liang

School of Environment, Tsinghua University

Zhifu MI

The Bartlett School of Construction and Project Management, University College London

Editorial Members**Adi NUGRAHA**

Pacific Northwest National Laboratory

Annette RINKE

Alfred Wegener Institute for Polar and Marine Research (AWI)

Arun SHRESTHA

International Centre for Integrated Mountain Development, Nepal

Atsumu OHUMURA

Institute for Atmospheric and Climate Science, Swiss Federal Institute of Technology (ETH)

CAO Long

Zhejiang University

CHAO Qing-Chen

National Climate Center, China Meteorological Administration

CHEN Wen-Ying

Institute of Nuclear and New Energy Technology, Tsinghua University

CHEN Xian-Yao

Key Laboratory of Physical Oceanography, Ocean University of China

Chong-Yu XU

Department of Geosciences, University of Oslo

Claude BOUTRON

University Joseph Fourier of Grenoble, France

CUI Peng

Chengdu Institute of Mountain Hazards and Environment, Chinese Academy of Sciences

Cun-Rui HUANG

School of Public Health, Sun Yat-Sen University

DAI Jun-Hu

Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences

David Neil BIRD

JOANNEUM RESEARCH Forschungsgesellschaft mbH LIFE - Centre for Climate, Energy and Society

Dirk MESSNER

German Development Institute; German Advisory Council on Global Change

Driss ENNAANAY

Stanford University

DUAN Mao-Sheng

Tsinghua University

Emilio BASTIDAS-ARTEAGA

Research Institute in Civil and Mechanical Engineering, University of Nantes

GAO Qing-Xian

Chinese Research Academy of Environmental Sciences

Hans VON STORCH

Helmholtz Zentrum Geesthacht - Centre for Materials and Coastal Research, Germany

Hassan VIRJI

International START (System for Analysis, Research and Training) Secretariat

Helene CACHIER

Sciences Laboratory of Climate and Environment (LSCE) of the CEA

HUANG Yao

Institute of Botany, Chinese Academy of Sciences

Imme SCHOLZ

Jean JOUZEL

Institut Pierre Simon Laplace/Laboratoire des Sciences du Climat et de l'Environnement, France

JIANG Ke-Jun

Energy Research Institute, China

JIANG Zhi-Hong

Nanjing University of Information Science and Technology, China

JIN Hui-Jun

Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences

Jun LI

Curtin University of Technology

KANG Shi-Chang

Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences

Klaus FRAEDRIC

Meteorological Institute, KlimaCampus, University of Hamburg; Nanjing University of Information Science and Technology, China

LIN Jin-Tai

Peking University

Marco GEMMER

National Climate Center, China Meteorological Administration

Mohan MUNASINGHE

Munasinghe Institute for Development (MIND); Sustainable Development, University of Manchester

Mukul SANWAL

Advisory Committee on the National Mission on Climate Change and the Committee on the National Mission on Himalayan Ecosystems, Ministry of Science and Technology, India

MU Mu

Fudan University

Ned HELME

Center for Clean Air Policy, USA

R. Cesar IZAURRALDE

Joint Global Change Research Institute; Department of Geography, University of Maryland

Richard ARIMOTO

Carlsbad Environmental Monitoring & Research Center, New Mexico State University

Robert DICKINSON

School of Earth and Atmospheric Sciences, Georgia Institute of Technology

Slobodan P. Simonovic

Institute for Catastrophic Loss Reduction, The University of Western Ontario

Sungmin HONG

Department of Ocean Sciences, College of Natural Science, Inha University

SUN Jun

Tianjin University of Science and Technology

TENG Fei

Tsinghua University

Thomas STOCKER

Climate and Environmental Physics, Physics Institute, University of Bern, Switzerland

Tian ZHOU

Pacific Northwest National Laboratory

Tiejun WANG

Faculty of Geo-Information Science and Earth Observation (ITC), University of Twente

Vilas NITIVATTANANON

School of Environment, Resources and Development, Asian Institute of Technology (AIT)

WANG Yi

Institute of Policy and Management, Chinese Academy of Sciences

WU Bing-Yi

Fudan University

XIA Jun

Wuhan University, China

XIAO Cun-De

Beijing Normal University

Xiaolan L. WANG

Climate Research Division, Atmospheric Science and Technology Directorate, Science and Technology Branch, Environment Canada

Xin WANG

CGN Europe Energy

Xiuhua ZHU

KlimaCampus, University of Hamburg

XU Hua-Qing

Energy Research Institute, National Development and Reform Commission, China

ZHANG Jian-Yun

Nanjing Hydraulics Research Institute, China

ZHANG Ren-He

Fudan University

Zhang Ting-jun

Lanzhou University

ZHANG Xiao-Quan

The Nature Conservancy in China

Zhaoxin Laurent LI

Laboratory of Meteorology Dynamic, CNRS/UPMC

Zhongbo (Bob) SU

Faculty of Geo-Information Science and Earth Observation (ITC), University of Twente

ZHOU Guang-Sheng

Chinese Academy of Meteorological Sciences

ZHOU Ling-Xi

Chinese Academy of Meteorological Sciences

ZHOU Xiao-Nong

National Institute for Parasitic Diseases, Chinese Center for Disease Control and Prevention

Readers

[View Articles](#)

[Volume/ Issue Alert](#)

Authors

[Guide for Authors](#)

[Submit Your Paper](#)

[Early Career](#)

[Resources](#)

Librarians

[Ordering](#)

[Information and](#)

[Dispatch Dates](#)

[Abstracting/](#)

[Indexing](#)

Editors

[Publishing Ethics](#)

[Resource Kit](#)

[EES Support](#)

Reviewers

Advertisers/

[Sponsors](#)

Societies



Our journals are published on ScienceDirect, member of COPE.



[Elsevier](#) | [CSPM](#) | [Privacy Policy](#) | [Cookie policy](#) | [Sitemap](#)

© KeAi 2020





ScienceDirect

Advances in Climate Change Research

Open access

[Latest issue](#) [All issues](#)

[Search in this journal](#)

Including special topic on U.S. withdraw from the Paris Agreement and its impacts

Edited by CHAO Qing-Chen

Volume 8, Issue 4,

Pages 213-296 (December 2017)

[Download full issue](#)

[← Previous vol/issue](#)

[Next vol/issue →](#)

Receive an update when the latest issues in this journal are published

[Sign in to set up alerts](#)

Special topic on U.S. withdraw from the Paris Agreement and its impacts

Research article [Open access](#)

The withdrawal of the U.S. from the Paris Agreement and its impact on global climate change governance

Yong-Xiang Zhang, Qing-Chen Chao, Qiu-Hong Zheng, Lei Huang

Pages 213-219

[Download PDF](#) Article preview 

Research article *Open access*

U.S. withdrawal from the Paris Agreement: Reasons, impacts, and China's response

Hai-Bin Zhang, Han-Cheng Dai, Hua-Xia Lai, Wen-Tao Wang

Pages 220-225

[Download PDF](#) Article preview 

Research article *Open access*

The impacts of U.S. withdrawal from the Paris Agreement on the carbon emission space and mitigation cost of China, EU, and Japan under the constraints of the global carbon emission space

Han-Cheng Dai, Hai-Bin Zhang, Wen-Tao Wang

Pages 226-234

[Download PDF](#) Article preview 

Changes in climate system

Research article *Open access*

Responses and changes in the permafrost and snow water equivalent in the Northern Hemisphere under a scenario of 1.5 °C warming

Ying Kong, Cheng-Hai Wang

Pages 235-244

[Download PDF](#) Article preview 

Research article *Open access*

Comparison of climate projections between driving CSIRO-Mk3.6.0 and downscaling simulation of RegCM4.4 over China

Dong-Feng Zhang, Zhen-Yu Han, Ying Shi

Pages 245-255

[Download PDF](#) Article preview 

Research article *Open access*

Projections of future rainfall for the upper Ping River Basin using regression-based downscaling

Sirikanya Saengsawang, Phaotep Pankhao, Chanphit Kaprom, Nuchanart Sriwongsitanon

Pages 256-267

[Download PDF](#) Article preview 

Review article *Open access*

Influence of climate change and human activity on water resources in arid region of Northwest China: An overview

Yu-Jie Wang, Da-He Qin

Pages 268-278


[Download PDF](#) Article preview 

Review article *Open access*

Changes in classified precipitation in the urban, suburban, and mountain areas of Beijing

Yu-Feng Yuan, Pan-Mao Zhai, Jian Li, Yang Chen

Pages 279-285

[Download PDF](#) Article preview 

Adaption to climate change

Research article *Open access*

Vulnerability assessment: A comparison of three different city sizes in the coastal area of Central Java, Indonesia

Wiwandari Handayani, Iwan Rudiarto, Jawoto Sih Setyono, Uchendu Eugene Chigbu, Annisa Mu'awanah Sukmawati

Pages 286-296




[Download PDF](#) Article preview 

[< Previous vol/issue](#)

[Next vol/issue >](#)

Actions for selected articles

Select all / Deselect all

-  Download PDFs
-  Export citations
-  Show all article previews

Contents

Special topic on U.S. withdraw from the Paris Agreement and its impacts
Changes in climate system
Adaption to climate change

Pages 245-255

 Download PDF  Article preview ▾

Research article • Open access

Projections of future rainfall for the upper Ping River Basin using regression-based downscaling

Sirikanya Saengsawang, Phaetep Pankhao, Chanphit Kaprom, Nuchanart Sriwongsitanon
Pages 256-267

 Download PDF  Article preview ▾

Review article • Open access

Influence of climate change and human activity on water resources in arid region of Northwest China: An overview

Yu-jia Wang, Da-Ha Qin
Pages 268-278

 Download PDF  Article preview ▾

Review article • Open access

Changes in classified precipitation in the urban, suburban, and mountain areas of Beijing

Yu-Fang Yuan, Pan-Mao Zhai, Jian Li, Yang Chen
Pages 279-285

 Download PDF  Article preview ▾


Adaption to climate change

Research article • Open access

Vulnerability assessment: A comparison of three different city sizes in the coastal area of Central Java, Indonesia

Wiwandari Handayani, Iwan Rudiarto, Jawoto Sih Setyono, Uchendu Eugene Chigbu, Annisa Mu'awanah Sukmawati
Pages 286-296

 Download PDF  Article preview ▾

 Previous vol/issue

Next vol/issue 