



Pesticide Metabolites, Anti-Thyroid Peroxidase and Thyroid Stimulating Hormone Status in School Children: A Preliminary Study in Agriculture Areas in Indonesia

Authors: [Budiyono, _](#) (Creator), [Suhartono, _](#) (Creator), [Kartini, Apoina](#) (Creator), [Hadisaputro, Soeharyo](#) (Creator), [Gde Dalem P, Tjokorda](#) (Creator), [Soetadji, Anindita](#) (Creator), [Dewanti, Nikie Astorina Yunita](#) (Creator), [Ginandjar, Praba](#) (Creator)

Summary: Pesticides, which commonly use in agriculture areas, are classified as endocrine disrupting chemicals (EDCs). The study aimed to analyze status of pesticide metabolites, anti-thyroid peroxidase (anti-TPO) antibodies and thyroid stimulating hormone (TSH) status in school children of agriculture areas. This was a cross sectional study. Study subject consisted of 48 elementary school students in Brebes District. Examination of pesticide metabolites used urine sample to detect diethylthiophosphate (DETP) and

 **Downloadable Archival Material**, English, 2015-04-25

Publisher: Mohammad Nassar for Researches (MNFR), 2015-04-25

Genre:

info:eu-repo/semantics/article

OCLC Number / Unique Identifier:

1296066197

Subjects:

[Peer-reviewed Article](#)

[info:eu-repo/semantics/article](#)

[info:eu-repo/semantics/publishedVersion](#)

[pesticide metabolites](#)

[school children](#)

[subclinical hypothyroidism](#)

[thyroid peroxidase antibody](#)

[thyroid stimulating hormone](#)

Notes:

application/pdf

Language Notes:

English

More Information:

[View online](#)

[Display a description of the collection](#)



ISRRRA

International Research
and Reviews Association

International Journal of

Sciences: Basic and Applied Research

ISSN 2307-4531
(Print & Online)

Published by:



ISRRRA

International Research
and Reviews Association

Visit: www.gssrr.org

[Home](#) / [About the Journal](#)

About the Journal

The [International Journal of Sciences: Basic and Applied Research \(IJSBAR\)](#) is an open access International Journal for scientists and researchers to publish their scientific papers in [all main branches of science \(All scientific disciplines\) such as Social Sciences , Natural Sciences , Formal Sciences, and Applied science](#). International availability for author's scientific Papers can be achieved by [Indexing, Abstracting, and Listing](#) their papers. The International Journal of Sciences: Basic and Applied Research ([IJSBAR](#)) is serving as a new online journal medium for the international scientific community and research centers.

This Journal is published by Mohammad Nassar for Researches (MNFR); MNFR company is registered in Jordan (Hashemite Kingdom of Jordan) under the number 330811, the company national number is 100439452.

This page covers the following topics for authors:

- [»Mission & Vision](#)
- [»Focus and Scope](#)
- [»Indexing and Abstracting](#)
- [»Processing Charges \(Fees\)](#)
- [»Author Registration and Submission Guidelines in the Journal](#)
- [»Order Hard Copies of the Journal](#)
- [»Author Downloads](#)
- [»Article Correction and Retraction Policy](#)
- [»Copyright Infringement Claims](#)
- [»Plagiarism Policy and Claims](#)
- [»Conflict of interest Policy \(COIP\)](#)
- [»Peer Review Process](#)
- [»Publication Frequency](#)
- [»Publication Ethics and Publication Malpractice Policy](#)
- [»Open Access statement](#)
- [»Process for identification of and dealing with allegations of research misconduct](#)
- [»Archiving](#)
- [»Revenue sources](#)
- [»Advertising](#)
- [»General Policy](#)

[Submit and Publish Your Reserch Paper Today](#)

Editorial Team

Editor In Chief

Prof. Mohamad L. A. Anabtawi, IJSBAR Journal, Phone: 00962789994246, Email: editorijsbar2@gssrr.org

Editorial Board Members

No.	Name	Major	Country	Affiliation	Phone	Email
1.	Prof. Navanietha Krishnaraj	Computational Biology, Nanobiotechnology, Biopolymers, And Biofilm Engineering.	USA	South Dakota School Of Mines And Technology	+1-605-389-1586	Navanietha.Rathina
2.	Prof. Scott Howell	Health Science/ Doctor Of Medicine	USA	Tudor Bompa Institute	828 446 8660	Scottie.Lhowell@M
3.	Prof. Shuming Chen	Vehicle Engineering	China	Jilin University	+86 13843115899	Smchen@Jlu.Edu.C
4.	Assoc. Prof. Esraa Abd Almuhsen Ali	Medicine	Iraq	Misan College Of Medicine	+9647719932001	Dresraa1973@Gme
5.	Asst. Prof. JAYSON A.	General Science	Philippines	Iloilo State College of Fisheries	TBA	delafuentejayson89

	DELA FUENTE					
6.	Asst. Prof. MAHDI HOSSEINI	Structural Engineering	China	Department of Building Engineering, College of Civil Engineering , Nanjing Forestry University	+86-13584067040	civil.mahdi.hossein mahdi.struct@njfu.
7.	Asst. Prof. Bashar H. Malkawi	Juridical Science	USA	American University, Washington College of Law	Phone No. 520-621-1373 Cell Phone: 001 480- 2052613	bmalkawi@arizona bmalkawi@gmail.c
8.	Prof. S. SOPHIA	Information & Communication	India	Sri Krishna College of Engineering and Technology	TBA	sophiasudhir76@gr
9.	Prof. Ahmed Abdel-Rady	Infectious diseases	Egypt	Infectious diseases, Faculty of Veterinary Medicine, Assiut University, Assiut	00966-0580234475	el_rady@hotmail.co
10.	Prof. Jocelyn B. Hipona	Nursing	Philippines	Far Eastern University	+632 7360017 (direct); +632 7355621 (Loc. 220)	jhipona@feu.edu.pl
11.	Prof. M.VENKATA RAO	Computer Science and Engineering	India	St. Martin's Engineering College	+91-7989742636	mvrao239@gmail.c

12.	Prof. Ho Soon Min	Materials Chemistry	Malaysia	INTI International University	TBA	soonmin.ho@newir
13.	Assoc. Prof. J. Gajendra Naidu	Human Resource Management	India	Botho university: Head of the Department: Faculty of Finance	Mob: +267 76176816/+26774252595	profnaidugn@gmai
14.	Assoc. Prof. Alireza Valipour Baboli	Mathematics	Iran	Technical and Vocational University	009809113905124	a.valipour@umz.ac
15.	Prof. Meenakshi Singh	Chemistry	India	Galgotias University	+91-9911020219	meenakshi.pundir@
16.	Asst. Prof. Anil Lamba	Cyber Security	USA	EXL Services Inc.	1-(978) 674.9452	Dranillamba@outlc Dranillamba060679
17.	Assoc. Prof. Ferit Gürbüz	Mathematics	Turkey	Hakkari University	+90 (506) 645 14 74 +90 (438) 212 12 12	feritgurbuz@hakka feritgurbuz84@hoti
18.	Asst. Prof. Ilker Dere	History, Social Studies	Turkey	Necmettin Erbakan University	TBA	Idere@Konya.Edu
19.	Prof. G. Fabiola Safonte	Statistics And Economics	Italy	Di3a Catania University	+39 3934320359	President@Irpais.It Fabiola.Safonte.Un

20.	Prof. Javad Khamisabadi	Industrial Engineering	Iran	Azad University	989109291772	Javad_Khamisabad
21.	Dr. Bashar H. Malkawi	Juridical Science	USA	American University, Washington College of Law	Phone No. 520-621-1373 Cell Phone: 001 480-2052613	bmalkawi@arizona bmalkawi@gmail.c
22.	Dr. Saumya Priya	Psychoanalytic	Denmark	Patna University	+45-22617774	splendid.saumya@
23.	Prof. James Malce Alo	Education, Arts In Nursing	Saudi Arabia	Imam Abdulrahman Bin Faisal University (Iau)	0541142694	Jmalo@Uod.Edu.S
24.	Prof. Maia Mantskava	Biomechanics and Information Technology	Georgia	Tbilisi State Medical University	995577480020	m.mantskava@tsm m.mantskava@eu.e m.mantskava@bior mantskava@rheolo

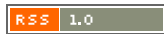
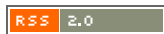
[Make a Submission](#)

Information

[For Readers](#)
[For Authors](#)
[For Librarians](#)

Open Journal Systems

Current Issue



[About IJSBAR](#) | [Privacy Policy](#) | [Plagiarism Policy](#) | [Contact Us](#) | [Disclaimer](#) | [FAQs](#) | [Licensing](#) | [Copyright Notice](#)

Platform &
workflow by
OJS / PKP

[Home](#) / [Archives](#) / Vol. 22 No. 1 (2015)

Vol. 22 No. 1 (2015)

Published: 2015-04-24

Articles

Pesticide Metabolites, Anti-Thyroid Peroxidase and Thyroid Stimulating Hormone Status in School Children: A Preliminary Study in Agriculture Areas in Indonesia

. **Budiyono**, . Suhartono, Apoina Kartini, Soeharyo Hadisaputro, Tjokorda Gde Dalem P, Anindita Soetadji, Nikie Astorina Yunita Dewanti, Praba Ginandjar

1-12

 PDF

Mother and Child Nutrition; (A Review of Stunting Studies)

Donal Nababan

13-20

 PDF

Risk Factor Analysis of Acute Respiratory Infection on Children Under Five Years Old in Tanjung Pering Village Ogan Ilir

Elvi Sunarsih, Imelda G. Purba

21-30

 PDF

Pre-eclampsia Risk factors of Pregnant women in Semarang, Indonesia

Martha Irene Kartasurya

31-37

 PDF

Global and Micro Climate Change Related to the Dynamics of Anopheles sp. In Malaria-Endemic Area Purworejo City, Central Java

Mursid R., Sudibyakto H. A., Gunawan T., Sutomo A. H., Windraswara R.

38-51

 PDF



International Journal of Sciences: Basic and Applied Research (IJSBAR)

ISSN 2307-4531
(Print & Online)

<http://gssrr.org/index.php?journal=JournalOfBasicAndApplied>



Water Quality Assessment of Sitnica River (Kosovo): A Statistical Evolution

Fatbardh Gashi^{a*}, Bardha Korça^b, Fatmir Faiku^c, Veprim Thaqi^d, Albert Maxhuni^e,
Shpetim Kastrati^f, Sadije Gashi^j

Department of Chemistry, Faculty of Natural Sciences, University of Prishtina, 10000 Prishtina, Kosovo

^aEmail: fatbardh_gashi@hotmail.com

^bEmail: bardhakorca@gmail.com

Abstract

Degradation of water quality is very important issue in Kosovo. Discharge of untreated or partially treated industrial and domestic wastewater, leaching of pesticides and residues of fertilizers; and navigation are often factors that affect the quality of water. The aim of this study was to analyze the river water quality of Sitnica. Exact geographic coordinates were measured by GPS and locations were well described. Water samples were collected in 10 sampling points and the following physico-chemical parameters were analyzed: water temperature, electrical conductivity, pH, alkalinity, total hardness, temporary hardness, total oxygen, etc. Using UV-VIS spectrophotometry are determined concentrations of: NO_2^- , NO_3^- , NH_4^+ , Mn^{2+} , Al^{3+} and Fe^{2+} . Program Statistica 6.0 has been used for statistical calculations of basic statistical parameters and anomalies (extremes and outliers). Results obtained by the box plot method will be helpful to determine the regions with anomalous of physico-chemical parameters. The levels of some parameters and ecotoxic ions from surface waters are compared with the results from the river source where anthropogenic effects are negative.

Keywords: Sitnica River; Physico-chemical Parameters; UV-VIS Spectrophotometry; Anomalies; Pollution assessment; Statistical evolution.

* Corresponding author.

E-mail address: fatbardh_gashi@hotmail.com.



International Journal of Sciences: Basic and Applied Research (IJSBAR)

ISSN 2307-4531
(Print & Online)

<http://gssrr.org/index.php?journal=JournalOfBasicAndApplied>



International Financial Reporting Standard and Value Relevance of Accounting Information in Quoted Cement Firms in Nigeria

Latifat Muhibudeen^a

^a BSc, PGDE, MSc, Phd in view, Department Of Accounting and Finance, Faculty of Social and Management
Sciences, Northwest University, Kano P.M.B 3220 Nigeria

^aEmail: ltmltmtm@yahoo.co.uk

Abstract

With growing adoption of International Financial Reporting Standard (IFRS) by most countries, researchers has not relented effort in finding out empirically how the standard has added value to the relevance of financial information reporting to users. This study empirically examines whether the mandatory adoption of IFRS has improved the value relevance of financial information in the financial statements of quoted cement companies in Nigeria. The population constituted the five listed cement company listed on the Nigeria Stock Exchange (NSE) as at the year 2010 sample were selected based on the activeness of company the NSE that is only four cement companies are active as at 2013. Data were extracted from financial statement figures of 2010 and 2011 (pre-adoption of IFRS) and 2012 and 2013 (post-adoption of IFRS). Descriptive statistics and regression were conducted to analyze the effect of IFRS adoption on the accounting information quality using Stata version 12. The study finds that the earning per share, book value of equity and share prices of Cement Company have significantly improved following IFRS adoption, although earnings per share proved more significant compared to book value of equity. The study further suggests that earnings per share and book value of equity are relevant in determining the value of shares in Nigerian Cement Company in the post IFRS era. However, this study is limited since it is not generalizable beyond the limits of the listed cement. In addition, the study only examines the effect of IFRS adoption on reported earnings and book values of equity.

* Corresponding author.

E-mail address: ltmltmtm@yahoo.co.uk .