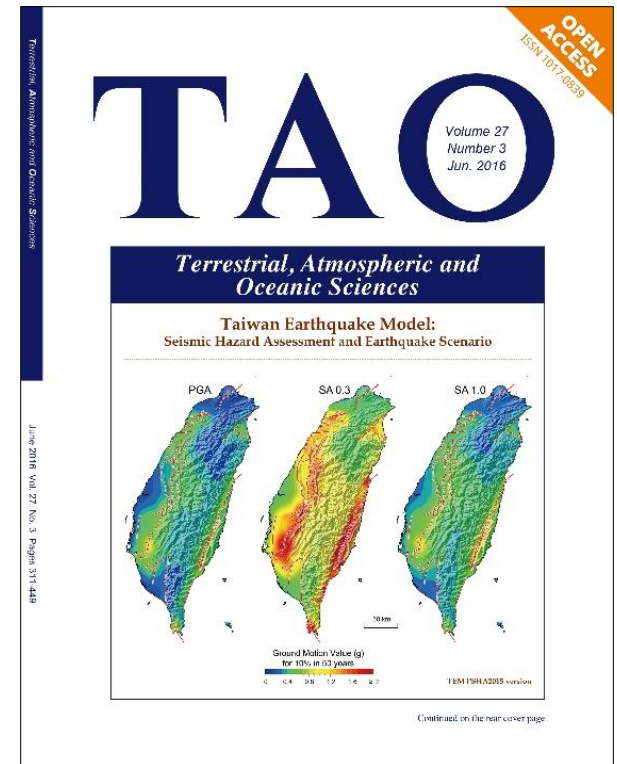


Terrestrial, Atmospheric and Oceanic Sciences



第十二屆地球科學相關領域新進人員及研究推動研討會

時間：2016/10/1 (六) 9:00

地點：野柳泊逸渡假酒店

報告人：總編輯 許樹坤教授（中央大學地球科學系）

本次報告大綱

- 學會主要任務
 - 出版及發行地球科學集刊
 - 舉辦臺灣地球科學聯合學術研討會
- TAO期刊執行情形
 - Editorial Board Members & IAB
 - 文章投退稿狀態、出刊狀況
 - 2016年投稿作者國籍統計
 - 專刊執行
 - 推廣活動
 - TAO官網上線
 - 2016年得獎名單

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中華民國地球科學學會
Chinese Geoscience Union

Chinese Geoscience Union (CGU)



President of CGU

Prof. Kuo-Fong Ma

Department of Earth Sciences, Institute of Geophysics,
National Central University, Taiwan

The Chinese Geoscience Union (CGU) is an umbrella societal organization for professionals and practitioners of all disciplines of Earth sciences, including geology, geophysics, atmospheric science, oceanic science, and space science in Taiwan, the Republic of China. Established in 1993, CGU is the publisher of Terrestrial, Atmospheric and Oceanic Sciences Journal (TAO) which is Taiwan's major international journal of Earth sciences. CGU strives to serve its members in providing a platform for fostering professional exchanges and cooperations domestically and internationally.

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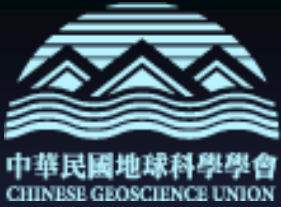
Terrestrial, Atmospheric and Oceanic Sciences Journal (TAO) is an SCI-accredited journal publishing original scientific articles, reviews, notes and correspondence on the solid earth, atmosphere, hydrosphere and space.



The major publication of the Chinese Geoscience Union (located in Taipei) since 1990, the journal of Terrestrial, Atmospheric and Oceanic Sciences (TAO) publishes bi-monthly scientific research articles, reviews, notes and correspondence in all disciplines of the Earth sciences. TAO is co-sponsored by the Geological Society, the Geophysical Society, and the Meteorological Society of the Republic of China (ROC) and has its publication partially subsidized by the National Science Council in Taiwan.

Indexing and Abstracting

- * Science Citation Index® (SCI)
- * Research Alert®
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- * GEOREF Serials List
- * EBSCOhost
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■ 學會主要任務

- 出版及發行地球科學集刊 *Open Access Journal*

(**T**errestrial, **A**tmospheric and **O**ceanic Sciences)

雙月刊，自1990年開始出版發行

- 舉辦臺灣地球科學聯合學術研討會

(**T**aiwan **G**eosciences **A**ssembly)

每三年1次，今年為第六屆

2016 臺灣地球科學聯合學術研討(TGA)

- 會議時間：2016年5月16~20日
- 舉辦地點：台北世貿南港展覽館4~6樓
- 大會主席：國立中央大學馬國鳳教授
- 各專業學門學術研討會：包括太空、大氣、海洋、魚類、地質、水文、地物、地理、測地、空間資訊科技及科學教育等，進行跨領域之成果研討及心得交流。
- 大會特邀講者：行政院環境保護署魏國彥署長及 Prof. Bin Wang (University of Hawaii, USA)

2016 臺灣地球科學聯合學術研討(TGA)

■ 主辦單位：

中華民國地球科學學會、中華民國地球物理學會
中華民國地質學會、中華民國太空科學學會
中華民國氣象學會、中華民國海洋學會
中國地理學會、中華民國測地學會
中華民國魚類學會

■ 補助單位：

行政院科技部自然司地球科學研究推動中心

2016 臺灣地球科學聯合學術研討(TGA)

- 本屆首次與GLOBE Taiwan計畫辦公室、大愛電視台「地球證詞」節目等單位，聯合策劃舉辦為期四天的科普DIY與科普沙龍系列活動。



2016 臺灣地球科學聯合學術研討(TGA)

■ 投稿篇數

投稿類型	篇數
口頭發表	716
壁報展示	385
學生論文壁報比賽	257
合計	1358 篇

■ 報名人數

身份別	人數
一般人士	1105
學生	809
合計	1914 位



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近五年期刊計畫執行情形

年度	發行量	期數/年	投稿總篇數	國外投稿率 (不含專刊)	退稿率 (不含專刊)	出版總篇數	出版總頁數	獲科技部獎助經費	實支經費	Impact Factor	5-Year Impact Factor	Total Cites
2011	256	6	83	48%	44%	54	693	2,000,000	2,924,406	0.883	0.898	727
2012	260	6	101	56%	41%	60	729	2,000,000	2,408,813	0.705	0.863	690
2013	240	7	118	61%	49%	85	1055	2,000,000	2,695,432	1.061	0.957	804
2014	200	6	100	63%	54%	67	843	2,000,000	2,782,626	0.703	0.971	935
2015	200	7	146	61%	57% (註1)	59	673	2,000,000	2,861,554	0.556	0.724	845

註1：2015年尚有6篇投稿正在審查中



近五年一般投退稿情形

年度	各學門投稿篇數								已接受 總篇數	已退稿 總篇數	作者 撤回	退稿 率	Impact Factor	5-Year Impact Factor	Total Cites
	地 物	地 質	大 氣	海 洋	太 空	水 文	其 它	合 計							
2012	30	18	28	10	4	11	-	101	60	34	7	41%	0.705	0.863	690
2013	21	16	26	28	9	16	2	118	60	44	13	49%	1.061	0.957	804
2014	25	15	23	12	12	12	1	100	45	44	9	54%	0.703	0.971	935
2015	17	7	28	10	9	12	1	84	37	42	7	57%	0.556	0.724	845
2016 (9/23)	9	12	26	13	6	8	7	81	15	38	0	72%	-	-	-

註1：以上文章篇數統計資料不包含專刊



近五年審查速度 (投稿日到1st Decision)

學門	地物		地質		大氣		海洋		太空		水文		年平均	
年份	平均 天數	標準 差	平均 天數	標準 差	平均 天數	標準 差	平均 天數	標準 差	平均 天數	標準 差	平均 天數	標準 差	平均 天數	標準 差
2011	58	26	93	41	64	28	56	17	91	65	74	26	68	35
2012	66	29	93	67	72	31	57	50	52	35	57	32	70	41
2013	76	44	71	32	72	35	59	23	71	45	66	20	67	33
2014	78	35	75	60	66	32	88	45	97	51	69	32	75	41
2015	98	61	115	46	59	46	73	48	80	51	63	23	75	47

註：以上統計資料不包含專刊。

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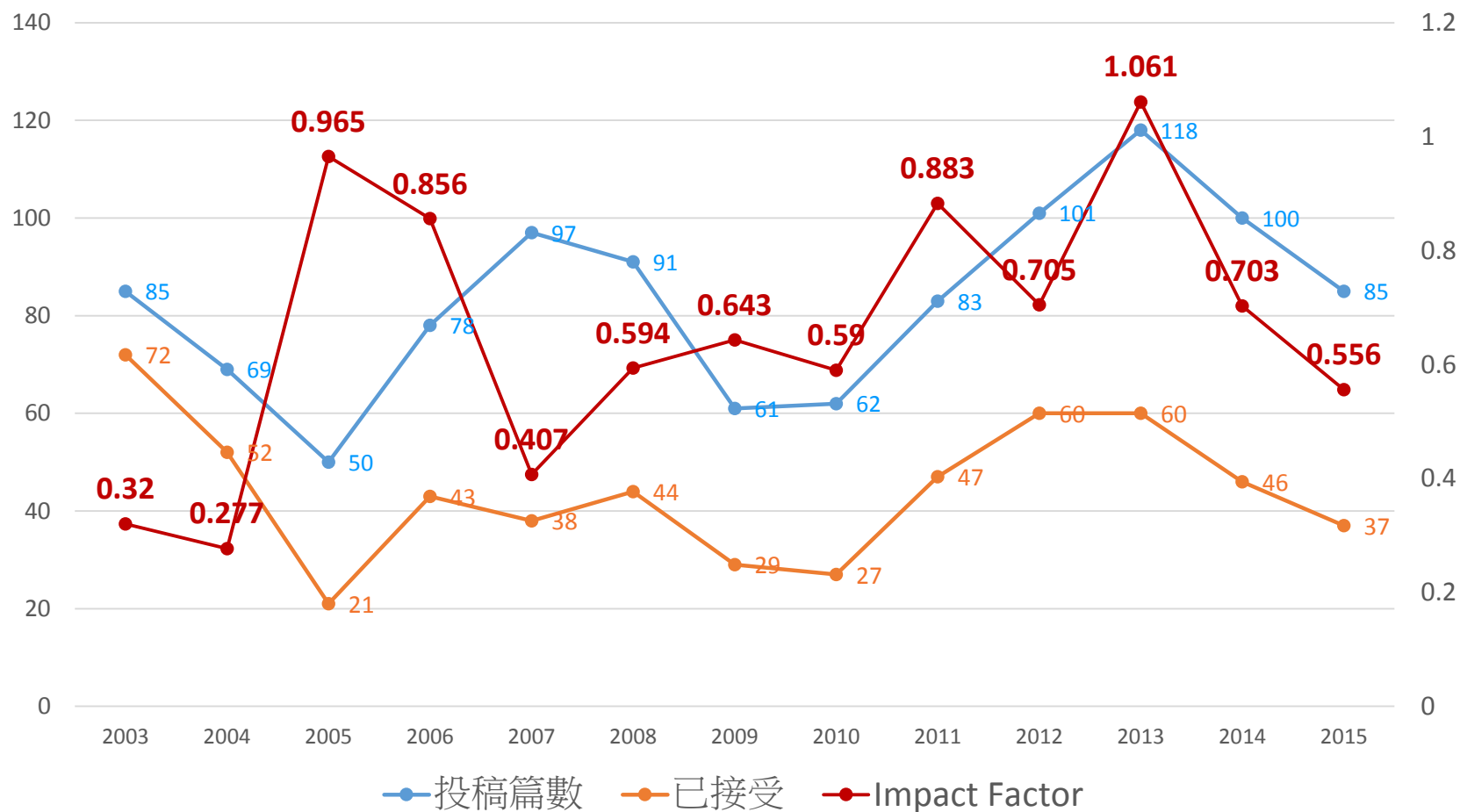
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2003-2015年投稿文章量與接受文章量 (不含專刊)

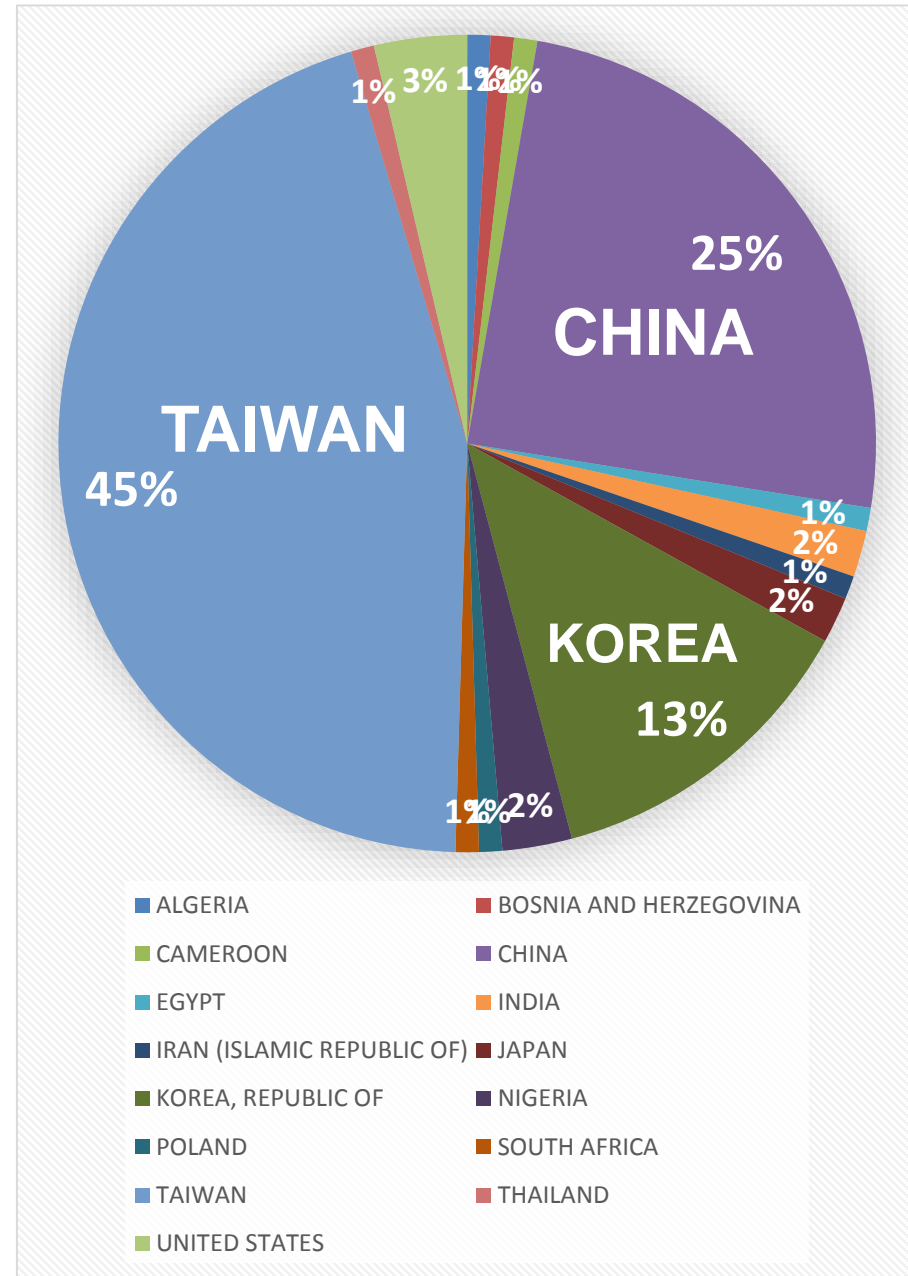


2015 - 2016 年出刊狀況

卷期	篇數	地物	地質	大氣	太空	海洋	水文	前言	專刊	cites
Vol. 26, No. 1 GRT	7	-	-	-	-	-	-	1	7	4
Vol. 26, No. 2-I	8	3	0	1	2	2	0	-	-	3
Vol. 26, No. 2-II EOSI	9	-	-	-	-	-	-	1	9	6
Vol. 26, No. 3	9	4	0	2	0	2	1	-	-	2
Vol. 26, No. 4	10	1	4	1	1	1	2	-	-	1
Vol. 26, No. 5	10	5	1	1	0	1	2	-	-	3
Vol. 26, No. 6 TC	6	-	-	-	-	-	-	1	6	2
Vol. 27, No.1	12	5	1	2	0	1	3	-	-	1
Vol. 27, No.2	12	2	2	3	2	3	-	-	-	0
Vol. 27, No.3 TEM	10	-	-	-	-	-	-	1	10	0
Vol. 27, No.4 ISRS	12	-	-	-	-	-	-	1	12	0
合計	105	20	8	10	5	10	8	5	44	22

Articles Received in 2016 (including special issues)

Country	Received	Accepted
ALGERIA 阿爾及利亞	1	
BOSNIA AND HERZEGOVINA 波士尼亞與赫塞哥維納	1	
CAMEROON 喀麥隆	1	1
CHINA 中國	27	3
EGYPT 埃及	1	
INDIA 印度	2	
IRAN 伊朗	1	
JAPAN 日本	2	1
KOREA 韓國	14	4
NIGERIA 奈及利亞	3	
POLAND 波蘭	1	
SOUTH AFRICA 南非	1	1
TAIWAN 臺灣	49	15
THAILAND 泰國	1	
UNITED STATES 美國	4	1
	109	26



* Special issue articles mostly come from Taiwan.

作業中專刊

名稱	執行客座編輯	責任編輯	預訂出刊		成立時間	Manuscript Submission Deadline	Submitted to TAO office
			年/月	卷期			
Geological Storage of Carbon Dioxide	林殿順	李建成	2017/6	28#3	2011/9		2013/9/30
Earth Observation - FORMOSAT-5	張和本	蔡龍治	2017	28	2015/5	2016/5/31	2016/6/30
Climate Change Adaptation - scientific evidence, assessment framework and decision-making	劉振榮	鄭克聲	2017/2	28#1	2015/6	2015/10/31	2016/9/1
Recent Advances and Developments in Atmospheric Electricity	李羅權	蔡龍治	2017/4	28#2	2015/7	2016/1/31	2016/12/31
The 2016 Meinong, Taiwan Earthquake	饒瑞鈞	許樹坤	2017/6	28#3	2016/2	2016/8/31	2017/1/1
Submarine geohazard records and potential seafloor instability	董家鈞	張中白	2017/8	28#4	2016/2	2016/9/30	2017/3/31
Physics and Chemistry of Gas Migration and Fluid Dynamics	林曉武	許樹坤	2017/8	28#4	2016/5	2016/10/15	2017/3/15

將發表之專刊 27#5

Title	Submissions	Accepted	Rejected	Withdrawn
Climate Changes and Their Impacts in Taiwan – Recent Findings of Taiwan Climate Change and Information Platform (TCCIP) (27#5)	16	12	4	0

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推廣活動情形

年度	期間	會議名稱	地點
2011	08/08 - 08/12	AOGS 8 th Annual Meeting	台灣 台北
	12/05 - 12/09	2011 AGU Fall Meeting	美國 舊金山
2012	08/13 - 08/17	AOGS - AGU (WPGM) Joint Assembly	新加坡 聖淘沙
	12/03 - 12/07	2012 AGU Fall Meeting	美國 舊金山
2013	05/13 - 05/17	2013 台灣地球科學聯合學術研討會 (TGA)	桃園 龍潭渴望園區
	06/24 - 06/28	AOGS 10 th Anniversary Meeting	澳洲 布里斯班
	12/09 - 12/13	2013 AGU Fall Meeting	美國 舊金山
2014	04/07 - 04/10	OCEANS'14 MTS/IEEE Taipei	台灣 台北
	07/28 - 08/01	AOGS 11 th Annual Meeting	日本 札幌
	12/15 - 12/19	2014 AGU Fall Meeting	美國 舊金山
2015	06/15 - 06/16	WCGC全球華人地質大會	台灣 台北
	08/02 - 08/07	AOGS 12 th Annual Meeting	新加坡市
	12/15 - 12/19	2015 AGU Fall Meeting	美國 舊金山
2016	05/16 - 05/20	2016 台灣地球科學聯合學術研討會 (TGA)	台灣 台北
	08/01 - 08/05	AOGS 13 th Annual Meeting	中國 北京
	12/12 - 12/16	2016 AGU Fall Meeting	美國 舊金山

推廣活動情形 (2016)

- 名稱：2016年臺灣地球科學聯合學術研討會
- 時間：16 to 20 May 2016
- 地點：台北南港展覽館



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推廣活動情形 (2016)

- 名稱：AOGS 13th Annual Meeting
- 時間：1 to 5 August, 2016
- 地點：北京




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Call for Papers

← **Physics and Chemistry of Gas Migration and Fluid Dynamics** →
Submission deadline: 2016/10/15

TAO
Vol. 27, No. 4
August 2016

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- ▶ Submit an article
- ▶ Guide for Authors

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Application of Taiwan borehole seismometers in earthquake early warning

Key Points:

- First evaluating of the application of borehole seismographs for EEW in Taiwan
- We propose a new Pd regression equation for the Taiwan borehole seismographs
- EEW application using borehole seismometer is more robust than free-surface one

Author(s): Po-Lun Huang, Ting-Li Lin, Hao-Jen Hsiao, and Ruei-Hua Huang

DOI: 10.3319/TAO.2016.07.28.02

Key words: Earthquake early warning, Borehole seismometer, Pd magnitude

Preface to the Special Issue on "Taiwan Earthquake Model: Seismic Hazard



Geochemical characteristics of the Permian sedimentary rocks from Qiangtang Basin: Constraints for paleoenvironment and paleoclimate

Key Points:

- Paleoclimate was generally moist during the Early Permian of Jiaomuri area
- Sediments were deposited mainly beneath a slightly oxic water column
- Zhanjin Formation took place under fast sedimentary rate with low productivity

Author(s): Junjie Hu, Qi Li, Chunyan Song, Shuangqing Wang, and Bin Shen

DOI: 10.3319/TAO.2016.08.08.01

Key words: Geochemistry, Paleoenvironment, Paleoclimate, Permian, Qiangtang Basin

Formaldehyde adsorption in clinoptilolite zeolite modified with the addition of rich

2016年大道新人獎得獎名單

Fields	Article Title	Name of Researcher	School/ Research Centre/ Research Institute
Geology	Plume Migration of Different Carbon Dioxide Phases During Geological Storage in Deep Saline Aquifers	Chien-Hao Shen	National Cheng Kung University, Taiwan
Geophysics	New Magnetic Anomaly Map of the East Asia with Some Preliminary Tectonic Interpretations	Wen-Bin Doo	Center for Environmental Studies, National Central University, Taiwan
Oceanic Science	Estimating Denitrification Rates in the East/Japan Sea Using Extended Optimum Multi-Parameter Analysis.	Il-Nam Kim	Incheon National University, Korea

註：2016年符合資格文章共計9篇：地球物理4篇(擇一)、地質科學3篇(擇一)、海洋科學1篇(擇一)和太空科學1篇(0)，獲選文章共3篇。

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2011-2015年被引用次數最多論文獎

Fields	Published year	Title	Authors	Nationality	Vol.
T	2011	The Preliminary Study of the 4 March 2010 Mw 6.3 Jiasian, Taiwan Earthquake Sequence	Hsin-Hua Huang, Yih-Min Wu, Ting-Li Lin, Wei-An Chao, J. Bruce H. Shyu, Chung-Han Chan, and Chien-Hsin Chang	Taiwan	22-3
Oc	2013	ATOP - The Advanced Taiwan Ocean Prediction System Based on the mpiPOM. Part 1: Model Descriptions, Analyses and Results	Leo Oey, Yu-Lin Chang, Yu-Chun Lin, Ming-Chia Chang, Fanghua Xu, and Hung-Fu Lu	Taiwan	24-1
A	2011	Rainfall Simulations of Typhoon Morakot with Controlled Translation Speed Based on EnKF Data Assimilation	Tzu-Hsiung Yen, Chun-Chieh Wu, and Guo-Yuan Lien	Taiwan	22-6 (SI) “Typhoon Morakot (2009): Observation, Modeling, and Forecasting”
A	2011	A Preliminary Analysis of Lake Level and Water Storage Changes over Lakes Baikal and Balkhash from Satellite Altimetry and Gravimetry	Cheinway Hwang, Yu-Chi Kao, and Natthachet Tangdamrongsub	Taiwan	22-2 (SI) “Geodynamic and Climate-Change Processes over Tibet, Xinjiang and Siberia”
A	2012	Observation of Nitrate Radical in the Nocturnal Boundary Layer During a Summer Field Campaign in Pearl River Delta, China	Suwen Li, Wenqing Liu, Pinhua Xie, Min Qin, and Yijun Yang	China	23-1

註：選出過去五年內(2011 – 2015年)被引用次數最多之論文，地球物理1篇、海洋科學1篇、大氣科學3篇，共計5篇。

2013-2014年優良論文審查人獎

Fields	Name	Affiliation
Geophysics	Kou-Cheng Chen	Institute of Earth Sciences, Academia Sinica
Geophysics	Hao Kuo-Chen	Department of Earth Sciences, National Central University
Geology	Louis Suh-Yui Teng	Department of Geosciences, National Taiwan University
Geology	Chyi-Tyi Lee	Institute of Applied Geology, National Central University
Atmospheric Science	Kun-Hsuan Chou	Department of Atmospheric Sciences, Chinese Culture University
Atmospheric Science	Jau-Ming Chen	Department of Maritime Information and Technology, National Kaohsiung Marine University
Space Science	Cheng-Ling Kuo	Institute of Space Science, National Central University
Oceanic Science	Wen-Chen Chou	Institute of Marine Environment and Ecology, National Taiwan Ocean University
Hydrology	Wen-Cheng Huang	Department of Harbor and River Engineering, National Taiwan Ocean University

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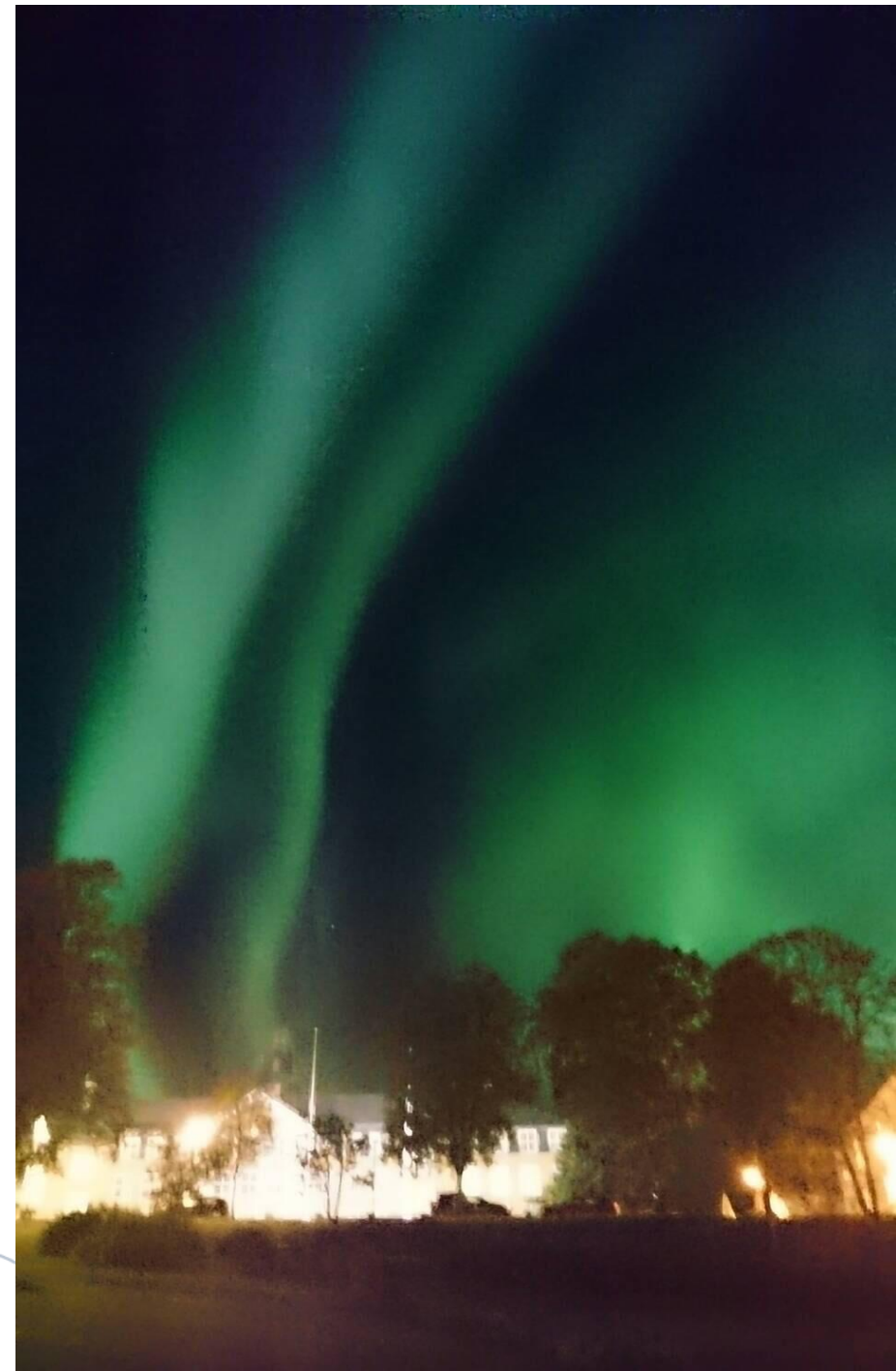
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