



Announcement

- The 2nd board meeting has been held on December 15, 2012 at College of Engineering, National Pingtung University of Science and Technology, Pingtung.
- In 2th board meeting, there are 7 new members become TAAR permanent members. Welcome to join us!
- Aerosol and Air Quality Research has received a funding support of NT\$1,176,000 from National Science Council of Taiwan (NSC) in 2013. The efforts and hard works of current Editor-in-Chief, Prof. Wen-Jhy Lee and previous Editor-in-Chiefs are acknowledged.
- AAQR 2011 impact factor: 2.827
- Call for Abstracts, (Abstracts Due: 3 December 2013), A&WMA's 106th Annual Conference & Exhibition, June 25-28, 2013, Hyatt Regency Chicago Chicago, IL

We would like to invite all of the members to share your research or new aerosol knowledge with us. Thank you very much for your support and help.

Best wishes to you and your family!

Contents

Announcement.....	1
Introducing 11th Directors and Supervisors of TAAR.....	2
Introducing 11th Work Team of TAAR....	3
Aerosol Researcher Profile - Prof. Ta-Chih Hsiao.....	4
Aerosol Information Update.....	5
Calendar of Events.....	7



TAAR Newsletter is a quarterly publication by the Taiwan Association for Aerosol Research

- © Publisher: Shui-Jen Chen
- © Editors: Lin-Chi Wang, Shih-Wan Lin
- © Date: December 28, 2012
- © Web: <http://www.taar.org.tw/>
- © E-mail: taarasst@gmail.com

Introducing 11th Directors and Supervisors of TAAR

Position	Name
President	Shui-Jen Chen
Standing Director	Chih-Chieh Chen
Standing Director	Moo-Been Chang
Standing Director	Hsi-Hsien Yang
Standing Director	Wang-Kun Chen
Director	Perng-Jy Tsai
Director	Wen-Yinn Lin
Director	Ying-I Tsai
Director	Guo-Ping Chang-Chien
Director	Cheng-Hsian Tsai
Director	Shih-Chun Lung
Director	Yu-Chen Chang

Position	Name
Director	Chung-Kuang Chou
Director	Yuan-Chung Lin
Director	Kai Hsien Chi
Substitute Director	Ta-Chih Hsiao
Substitute Director	Guey-Rong Sheu
Substitute Director	Yu-Chih Lin
Standing Supervisor	Jung-Pin Yu
Supervisor	Hung-Min Chein
Supervisor	Kuo-Lin Huang
Supervisor	How-Ran Chao
Supervisor	Lian-De Hsieh
Substitute Supervisor	Hsing Chao



Introducing 11th Work Team of TAAR

Position	Name	Affiliation
President	Shui-Jen Chen	Department of Environmental Science and Engineering, National Pingtung University of Science & Technology
First Vice President	Chih-Chieh Chen	Institute of Occupational Medicine and Industrial Hygiene, National Taiwan University
Second Vice President	Moo-Been Chang	Graduate Institute of Environmental Engineering, National Central University
Secretary General	Lin-Chi Wang	Department of Civil Engineering and Engineering Informatics, Cheng Shiu University
First Deputy Secretary General	Kai Hsien Chi	Institute of Environmental and Occupational Health Sciences, National Yang Ming University
Second Deputy Secretary General	Li-Hao Young	Department of Occupational Safety and Health, China Medical University
Chief Financial Officer	Long-Full Lin	Department of Environmental Engineering, Kun Shan University
Long Term Planning Committee	Wen-Jhy Lee	Department of Environmental Engineering, National Cheng Kung University
Journal Advisory Committee	Chuen-Jinn Tsai	Institute of Environmental Engineering, National Chiao Tung University
Editor- in-Chief of AAQR	Wen-Jhy Lee	Department of Environmental Engineering, National Cheng Kung University
Production Center of AAQR	Hsi-Hsien Yang	Department of Environmental Engineering and Management, Chaoyang University of Technology
Medal Award Committee	Man-Ting Cheng	Department of Environmental Engineering, National Chung Hsing University
International Affairs Committee	Chih-Cheng Chao	Department of Environmental Engineering, National Cheng Kung University
Cross-strait Exchanges Committee	Chung-Shin Yuan	Institute of Environmental Engineering, National Sun Yat-Sen University
Finance Committee	Long-Full Lin	Department of Environmental Engineering, Kun Shan University
Journal Editorial Assistant of AAQR	Yu-Ching She	Journal Editorial Assistant of AAQR
Assistant of TAAR	Shih-Wan Lin	Assistant of TAAR

Aerosol Researcher Profile - Prof. Ta-Chih Hsiao



Name : Prof. Ta-Chih Hsiao

Affiliation : Graduate Institute of Environmental Engineering,
National Central University

Education: Ph.D from Environmental and Chemical
Engineering, Washington University in St.
Louis
M.S. from Civil and Environmental Engineering,
Stanford University
B.S. from Civil Engineering,
National Taiwan University

Contact Information: 886-3-4227151#3468

E-mail : tchsiao@gmail.com

Profile:

Ta-Chih Hsiao earned a Ph.D. in Energy, Environmental and Chemical Engineering from Washington University in St. Louis. He also holds a Bachelor of Science degree in civil engineering from National Taiwan University, and completed a Master of Science degree in civil and environmental engineering at Stanford University. His researches involved filtration and separation technologies of aerosol particles, aerosol nanoparticle generation and measurements, and aerosol instrumentation. As a Research Fellow at Washington University in St. Louis, Dr. Hsiao has been named a McDonnell International Scholar and he has received a corporate fellowship from the Boeing Co. His research in aerosol science and technology resulted in a National Research Council Resident Research Associateship (post-doctoral) in 2009-2010 at the National Personal Protective Technology Laboratory/NIOSH/CDC, AIHA David .L. Swift Memorial Outstanding Aerosol Paper Award (2012), Best of Section Poster presented at the American Industrial Hygiene Conference and Exposition(2010), Best Student Poster presented at the American Association of Aerosol Research (2009), a Forest E. McGrath Scholarship (2004-2005), and a Student Travel Grant to the American Association of Aerosol Research (2005, 2009).

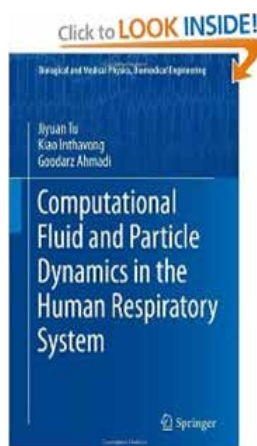
Title : Air Pollution Aspects of Biological Aerosols
Author: U.S. Environmental Protection Agency (EPA)
Paperback: 110 pages
Publisher: BiblioGov (September 17, 2012)
Language: English
ISBN-10 : 124941850X
ISBN-13 : 978-1249418504



Description:

The U.S. Environmental Protection Agency (EPA) was introduced on December 2, 1970 by President Richard Nixon. The agency is charged with protecting human health and the environment, by writing and enforcing regulations based on laws passed by Congress.

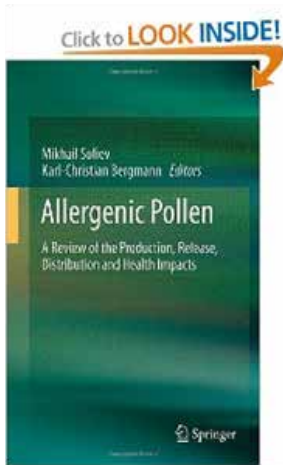
The EPA's struggle to protect health and the environment is seen through each of its official publications. These publications outline new policies, detail problems with enforcing laws, document the need for new legislation, and describe new tactics to use to solve these issues. This collection of publications ranges from historic documents to reports released in the new millennium, and features works like: Bicycle for a Better Environment, Health Effects of Increasing Sulfur Oxides Emissions Draft, and Women and Environmental Health.



Title: Computational Fluid and Particle Dynamics in the Human Respiratory System
Authors: Jiyuan Tu, Kiao Inthavong and Goodarz Ahmadi
Hardcover: 392 pages
Publisher: Springer; 2013 edition (September 18, 2012)
Language: English
ISBN-10: 9400744870
ISBN-13: 978-9400744875

Description:

Traditional research methodologies in the human respiratory system have always been challenging due to their invasive nature. Recent advances in medical imaging and computational fluid dynamics (CFD) have accelerated this research. This book compiles and details recent advances in the modelling of the respiratory system for researchers, engineers, scientists, and health practitioners. It breaks down the complexities of this field and provides both students and scientists with an introduction and starting point to the physiology of the respiratory system, fluid dynamics and advanced CFD modeling tools. In addition to a brief introduction to the physics of the respiratory system and an overview of computational methods, the book contains best-practice guidelines for establishing high-quality computational models and simulations. Inspiration for new simulations can be gained through innovative case studies as well as hands-on practice using pre-made computational code. Last but not least, students and researchers are presented the latest biomedical research activities, and the computational visualizations will enhance their understanding of physiological functions of the respiratory system.



Title: Allergenic Pollen: A Review of the Production, Release, Distribution and Health Impacts

Editors: Mikhail Sofiev and Karl-Christian Bergmann

Hardcover: 258 pages

Publisher: Springer; 2013 edition (September 23, 2012)

Language: English

ISBN-10: 9400748809

ISBN-13: 978-9400748804

ISBN-13: 978-1107008373

Description:

This is the first book to summarize all aspects of allergenic pollen: production, atmospheric distribution, and health impacts, as well as the means of monitoring and forecasting these phenomena. Based on a four-year effort by a large group of leading European scientists, this book highlights the new developments in research on allergenic pollen, including the modelling prospects and effects of climate change. The multidisciplinary team of authors offers insights into the latest technology of detection of pollen and its allergenic properties, forecasting methods, and the influence of allergenic pollen on the population. The comprehensive coverage in this book makes it an indispensable volume for anyone dealing with allergenic pollen worldwide. Readers involved in environmental health, aerobiology, medicine, and plant science will find this book of interest.



Calendar of Events

Conference Schedule	Name of Conference	Location
January 6-10, 2013	Fifth Symposium on Aerosol–Cloud–Climate Interactions http://sds-was.aemet.es/events/fifth-symposium-on-aerosol2013cloud2013climate-interactions	Austin, Texas
April 6-10, 2013	19th Congress of the International Society for Aerosols in Medicine (ISAM) http://www.isam2013.com/	The University of North Carolina at Chapel Hill, USA
June 25-28, 2013	A&WMA's 106th Annual Conference & Exhibition http://envnewsbits.wordpress.com/2012/10/19/submit-your-abstract-for-awmas-106th-annual-conference-exhibition/	Hyatt Regency Chicago
August 19-23, 2013	Environment and Health – Bridging South, North, East and West Conference of ISEE, ISES and ISIAQ http://www.ehbasel13.org/	Basel, Switzerland
August 25-30, 2013	The 33rd International Symposium on Halogenated Persistent Organic Pollutants http://www.dioxin2013.org/	Daegum Korea
September 1-6, 2013	European Aerosol Conference http://www.eac2013.cz/	Prague, Czech Republic
September 30-October 4, 2013	AAAR 32nd Annual Conference http://www.aaar.org/	Portland, Oregon, USA
August 31-September 5, 2014	2014 International Aerosol Conference http://www.iac2014.net/	Busan, Korea

