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# *Scientific Program*

**3<sup>rd</sup> World Congress on**

# **CLIMATE CHANGE AND GLOBAL WARMING**

**October 16-17, 2017 Dubai, UAE**



**Hosting Organization: Conference Series LLC**

One Commerce Center-1201, Orange St. #600, Wilmington, Zip-19899, Delaware, USA

Ph: +1-702-508-5200, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Email: [globalwarming@geologyseries.com](mailto:globalwarming@geologyseries.com) | [globalwarming@earthscienceconferences.com](mailto:globalwarming@earthscienceconferences.com)

08:30-09:15 Registrations

Salon B

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09:15-09:30

# Opening Ceremony

## Keynote Forum

### Introduction

09:30-10:15

**Title: Increasing losses caused by extreme weather events: What are the drivers and what is the role of climate change?**

Peter Hoeppe, Munich Re, Germany

10:15-11:00

**Title: Feasibility study of *in situ* precipitated calcium carbonates (PCC) synthesis technology for paper recycling by the capture and direct utilization of low concentration CO<sub>2</sub>**

Ji Whan Ahn, Korea Institute of Geosciences and Mineral Resources, South Korea

## Group Photo

Refreshments and Networking Break 11:00-11:15 @ Pre-Conference Area

11:15-12:00

**Title: Monitoring air pollution and climate change in the Eastern Mediterranean Middle East (EMME) region: Challenges and opportunities**

Jean Sciare, The Cyprus Institute, Cyprus

## Special Session

12:00-13:00

**Title: Visualizing climate change through the eyes of newspaper cartoonists: Five seconds to educate the reader of long term environmental problems**

Stanley D Brunn, University of Kentucky, USA

Lunch Break 13:00-14:00 @ Pre-Conference Area

### Sessions:

Carbon Sequestration | Climatology and Meteorology | Climate Change and Global Warming Evidences | Pollution and Climate Change | Climate Change and Health | Sustainability and Climate Change

Session Introduction

**Session Chair: Wendy Lynne Lee**, Bloomsburg University of Pennsylvania, USA

**Session Co-chair: Hans J Mueller**, Karlsruhe Institute of Technology, Germany

14:00-14:30

**Title: Modeling the climate change impact of rice yield towards climate resilient future in Sri Lanka**

Sarath Premalal Nissanka, University of Peradeniya, Sri Lanka

14:30-15:00

**Title: Atmospheric anomalies, mesoscale eddies and algal blooms in Arabian waters**

Sergey A Piontkovski, Sultan Qaboos University, Oman

15:00-15:30

**Title: Effects of multiple glaciogenic artificial cloud seeding in summer**

Kikuro Tomine, National Defense Academy, Japan

15:30-16:00

**Title: An exploratory field survey of 12 lakes of Bangalore, Karnataka, India**

Geetika Pant, Indian Academy Centre for Research & PG Studies, India

Refreshments and Networking Break 16:00-16:15 @ Pre-Conference Area

16:15-16:45

**Title: Toward a legal and policy framework for carbon capture and storage in Japan: Optimizing policy mix approach**

Akihiro Nakamura, Meiji University, Japan

16:45-17:15

**Title: The Black Sea SST fluctuations in association with temperature and precipitation of West and Northwest of Iran**

Iman Roustia, Yazd University, Iran

17:15-17:45

**Title: Monitoring and analysis of formaldehyde concentration over Rawalpindi-Islamabad Pakistan using MAX-DOAS and satellite observation**

Waqas Ahmed Khan, The University of Lahore, Pakistan

## Panel Discussion

**Day 2 October 17, 2017**

**Salon B**

**Keynote Forum**

**09:30-10:15** Title: **Climate catastrophe refugees and the political value of terrorism to climate change denial in the United States**

Wendy Lynne Lee, Bloomsburg University of Pennsylvania, USA

**10:15-11:00** Title: **Negative greenhouse gas emissions: Options to make that real**

Hans J Mueller, Karlsruhe Institute of Technology, Germany

Networking Break 11:00-11:15 @ Pre-Conference Area

**11:15-12:00** Title: **Amino-functionalized mesoporous silica-based adsorbent for CO<sub>2</sub> post-combustion capture**

Mohammad R M Abu Zahra, Masdar Institute of Science and Technology, UAE

**12:00-12:45** Title: **Green building promotion: Barriers and incentives from transaction costs perspective**

Queena K Qian, Delft University of Technology, Netherlands

Lunch Break 12:45-13:45 @ Pre-Conference Area

**Sessions:**

Climate Hazards | Climate Policy | Climate Refugees | Climate Solutions | Disaster Risk Reduction | Green House Gases

Session Introduction

**Session Chair:** Peter Hoeppe, Munich Re, Germany

**Session Co-chair:** Jean Sciare, The Cyprus Institute, Cyprus

**13:45-14:15** Title: **Synthesis and characterization of novel amine-based deep eutectic solvents for CO<sub>2</sub> capturing**

Inas M AlNashef, Khalifa University of Science and Technology, UAE

**14:15-14:45** Title: **Systemic model for assessing the vulnerability of an aquifer associated with the effects of climate change**

Edgar Ricardo Monroy Vargas, Pilot University of Colombia, Colombia

**14:45-15:15** Title: **Optimizing ownership scenarios for commercializing carbon capture and storage in Japan**

Akihiro Nakamura, Meiji University, Japan

**Young Researchers Forum**

**15:15-15:45** Title: **Tobacco, a platform for efficient biofuel production: Pre-treatment to bioethanol production from lignocellulosic biomass of tobacco**

Cotek Temitayo, Indian Academy Centre for Research & PG Studies, India

Networking Break 15:45-16:00 @ Pre-Conference Area

**16:00-16:30** Title: **Bio-surfactant production by naphthalene degrading bacteria from oil contaminated soil samples**

Shah Jiten J, Indian Academy Centre for Research & PG Studies, India

**16:30-17:00** Title: **Prevalence and characterization of methicillin-resistant *Staphylococcus aureus* isolates from normal working places**

Syantana Chatterjee, Indian Academy Centre for Research & PG Studies, India

Panel Discussion & Certificate Distribution & Closing Ceremony

## Next in Series

4<sup>th</sup> World Congress on

# Climate Change and Global Warming

September 19-20, 2018 Singapore

e-mail: [globalwarming@geologyseries.com](mailto:globalwarming@geologyseries.com) | [globalwarming@earthscienceconferences.com](mailto:globalwarming@earthscienceconferences.com)

Website: <https://climatecongress.conferenceseries.com>