

COAA-SCC ANNUAL WORKSHOP, 2014

CHINESE-AMERICAN OCEANIC AND ATMOSPHERIC ASSOCIATION (COAA), SOUTHERN CALIFORNIA CHAPTER (SCC)

Time: 10:30 am, Saturday, September 6, 2014

Location: Nierenberg Hall NH101, Scripps/UCSD, San Diego, CA

Address for GPS driving direction: 8810 Shellback Way, La Jolla, CA 92037

THEME: THE PASSION OF YOUNG SCIENTISTS

- 10:30am** **Reception and Registration** **COAA Treasurer:** Mei Gao
- 11:30am** **Pizza Lunch** **Regional Organizer:** Guang Zhang
- 12:20** **Opening Remarks** **COAA Chair:** Jonathan Jiang
- 12:40** **Challenges Facing a “Mid-Aged” Scientist** **Invited Speaker:** Hui Su
- 1:00pm** **Formal Presentations**
Each presentation 10 minutes includes objective, method and summary of results
- Session I MC: Xiao Liu**
- Group 1: UCSD and Scripps** **COAA Regional Director:** Guang Zhang
- 1). Jets in the Ocean (Jinbo Wang)
 - 2). Mixing in the Ocean (Ru Chen)
 - 3). Oceanographic Influences on Albacore Tuna Distribution in the Northeast Pacific (Yi Xu)
- Question Period (10 minutes)**
- Group 2: UCLA** **COAA Regional Director:** Mei Gao
- 1). Understanding the role of black carbon over the Tibetan Plateau (Genlin He)
 - 2). Ice meandering by eddies at the ice boundary (Haijin Dai)
 - 3). An advanced equatorial pressure model during substorm growth phase by using machine learning technique (Chao Yue)
 - 4). An dynamical downscaling approach to western North Pacific tropical cyclone activity (Haikun Zhao)
- Question Period (10 minutes)**
- Group 3: Caltech** **COAA Regional Director:** Qiong Zhang
- 1). A new way to watch Earth breathe (Xi Xi)
 - 2). Ocean bottom dynamics (Xiaozhou Ruan)
 - 3). Cloud on Venus (Peter Gao)
 - 4). Measuring CO₂ in the Los Angeles basin (Qiong Zhang)
- Question Period (10 minutes)**

- 3:20pm** **Coffee Break**
- 3:35pm** **Session II MC: Mei Gao**
- Group 4: UCI** **COAA Regional Director: Yang Chen**
- 1). Does the Changing El Niño Change the US Winter? (Yuhao Zou)
 - 2). Post fire re-growth of tropical savanna (Guo Liu)
- Question Period (5 minutes)**
- Group 5: JPL** **COAA Regional Director: Yingdi Liu**
- 1). Air pollution and its climate impacts (Yuan Wang)
 - 2). Modeling Water Vapor Enhancements during Asian and North American Monsoon (Tao Wang)
- Question Period (5 minutes)**
- Group 6: USC and CSU** **COAA Regional Director: Xiao Liu**
- 1). Global temperature reconstructions of the Common Era (Jianghao Wang)
 - 2). Embracing heterogeneity in ocean: insights from automatous underwater vehicles (Xiao Liu)
- Question Period (5 minutes)**
- 4:50pm** **Concluding Remarks** **COAA Chair: Jonathan Jiang**
- 5:00pm** **Awards Presentation**
- Award Selection Committee:**
COAA Vice Chair: Yu Gu; COAA publication: Shuhui Wang
Volunteer Referees: Pauling Jiang, Chengxing Zhai, TBD onsite.
- 5:30pm** **Group Photo with COAA-SCC Banner Near the Beach**
- 6:00pm** **COAA SCC Catering Party at Beach Pier**