

January 12, 2015

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UPCOMING EAPS MEETINGS

SPRING FACULTY MEETING SCHEDULE

Tuesday, Jan. 27th, Feb. 10th (Dean's Visit to Dept.),
Mar. 24th, and Apr. 14th, 2015
3:00-4:30 p.m.
HAMP 3201

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### OTHER IMPORTANT DATES TO REMEMBER

#### FORM 40s DUE

Jan. 16<sup>th</sup> / Mar. 14<sup>th</sup>, 2015

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EAPS DISTINGUISHED SCIENCE ALUMNI AWARD RECEPTION

Friday, April 17, 2015

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### EAPS ANNUAL AWARDS BANQUET

Monday, April 20, 2015  
Ross-Ade Pavilion  
5:30-9:00 p.m.

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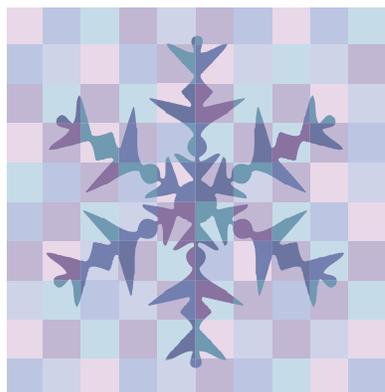
EAPS ALUMNI ADVISORY BOARD MEETING

Tuesday, April 21, 2015

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### GRAD EXPO

February 27<sup>th</sup> & 28<sup>th</sup>, 2015



## UNDERGRADUATE AND GRADUATE STUDENT INFORMATION

### VENICE INTERNATIONAL UNIVERSITY ENVIRONMENTAL MANAGEMENT IN A CHANGING WORLD: COPING WITH SEA LEVEL RISE

Summer School: 13-25 July, 2015

#### What is it about?

In **July 2015** the Duke University Nicholas School of the Environment and Venice International University will offer a summer program that provides training in key topics related to the impact of sea level rise on coastal areas and cities, and about adaptation and mitigation strategies. The city of Venice and its lagoon provide exceptional opportunities for onsite training and field trips.

The course will give students a broad perspective on the impact of sea level rise on coastal areas from the social, economical and environmental point of view. Adaptation and mitigation strategies will be analyzed and students will be involved in discussions on critical management issues, developing their own critiquing concepts in a multidisciplinary framework. Participants will learn, in class and in the lab, the use of operational tools for coastal zone monitoring and management, and will participate in four field campaigns aimed at exploring the most up-to-date techniques for coastal defense and protection.

#### Target:

Undergraduate and graduate students from any university and any discipline with an interest in environmental issues, and able to read and write fluently in English. Applicants familiar with these subjects and already working in private companies or public administrations are welcome.

#### Topics covered by the course will include:

- Causes and consequences of global environmental change
- Modelling and prediction of environmental changes in coastal areas
- Social, economic and political impacts of sea level rise
- Environmental monitoring and management of coastal morphology and water quality
  - The resilience of coastal human-natural systems
- Sustainable development along the coast: strategic retreat or coastal protection/conservation?
- Global health and climate change: future scenarios in coastal areas.

Please see attached brochure.

## OTHER

Purdue University is committed to providing students, faculty, staff and visitors a safe, healthy campus and workplace. The University recognizes the health risks associated with controlled substance use and alcohol misuse and is committed to supporting students and employees who seek treatment for these conditions. The University also recognizes that controlled substance use and alcohol misuse diminish workplace and campus safety and undermine the University's ability to fulfill its mission. The University has therefore developed an **Alcohol- and Drug-Free Campus and Workplace Policy**.

Every year the University is required by the federal government to advise you of the University's alcohol and drug policy.

Detailed information about University regulations, state and federal laws, health effects, impacts of violations, and campus resources is available in the full document located at [www.purdue.edu/hr/Employee\\_Relations/](http://www.purdue.edu/hr/Employee_Relations/), in the News and Updates box on the left side of the screen.

### Health Effects:

The health risks associated with the use or abuse of alcohol and drugs can be severe and long term. Please visit [www.purdue.edu/hr/Employee\\_Relations/](http://www.purdue.edu/hr/Employee_Relations/) for detailed information listed in the Alcohol and Drug Information document.

### Campus Resources:

Help is available to employees on all campuses for dependency-related problems. On the West Lafayette campus, please contact Employee Assistance, located at the Center for Healthy Living, at (765) 494-0111. For more information about Employee Assistance, go to [www.purdue.edu/hr/CHL/EAP.html](http://www.purdue.edu/hr/CHL/EAP.html).

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CONCUR PHISHING SCAM



Concur has learned of a phishing scam designed to trick users into giving up Concur Travel and Expense credentials. The offending email offers \$200 in Personal Travel Credit, and directs the user to a domain that is not the correct concursolutions.com domain. Delete this email and do not follow the link. If you suspect you have already clicked the link, change your password immediately!

JANUARY TECHNOLOGY WORKSHOPS FOR FACULTY AND STAFF TO COVER WEBEX, BLACKBOARD, VIDEO TOOLS

Faculty and staff can get an overview of Purdue's new Web conferencing tool, WebEx, learn the basics of Blackboard along with recent changes to the course management system, and find out how to edit and publish video by registering for ITaP's series of technology workshops and webinars in January. Workshops begin **Jan. 8th**.

Individuals may register for one or more sessions by browsing to the [ITaP workshop calendar](#). Questions on workshops can be directed to tit-consulting@purdue.edu.

Scheduled sessions and agendas include:

WebEx: Web Conferencing Tool: An overview of Purdue's new Web conferencing tool, WebEx. Learn to manage online meetings for distance learning, professional development and collaboration.

Adobe Connect is being decommissioned on **Jan. 30**. Instructors will no longer be able to access Adobe Connect recordings after that date.

[2-3 p.m. Wednesday, Jan. 14 \(webinar\)](#)
[10:30-11:30 a.m. Thursday, Jan. 15 \(webinar\)](#)

Blackboard Learn 9.1 April 2014 Release. A recent upgrade to Blackboard Learn brings [several new users features](#). Find out how these changes enhance the course management system experience during this webinar.

[10-10:30 Monday, Jan. 12 \(webinar\)](#)

Editing and Publishing Video Using Camtasia and Kaltura. Learn how to use the basic editing features of [Camtasia](#), caption videos, and upload them to [Kaltura](#) for easy streaming on multiple devices.

[9:30-10:30 a.m. Tuesday, Jan. 27](#)

HAPPY BIRTHDAY

John Cushman

Jan. 19th



IMPORTANT NOTICE ABOUT THIS NEWSLETTER

This newsletter is used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well. Those using paper copies of the newsletter should go to our newsletter archive on the EAPS website at www.purdue.edu/eas/ and **Click on News** to access active links as needed. Material for inclusion in the newsletter should be submitted to Fallon McQuern (fmcquern@purdue.edu) by **5:00pm on Thursday** of each week for inclusion in the Monday issue.

If it is in the newsletter, we assume you know about it and no other reminders are needed. For answers to common technology questions and the latest updates from the EAPS Technology Support staff, please visit http://www.purdue.edu/eas/info_tech/index.php.

Also, as an additional resource for information about departmental events, seminars, etc., see our departmental calendar at <http://calendar.science.purdue.edu/eas/seminars>.





Environmental Management in a Changing World: Coping with Sea Level Rise

Summer program in Venice

13 – 25 July 2015



The Nicholas School of the Environment (Duke University) and the Venice International University offer a Summer Program that provides training in key topics about the impact of sea level rise on coastal areas and cities, and about adaptation and mitigation strategies.

Program aim:

What will be the impact of sea level rise on the world's coastal areas and coastal cities? What are the social and economical consequences? and what is the forecasted impact on the population health? Should we plan for a "sustainable development" or a "strategic retreat"? And if a strategic retreat is chosen what are the implications for our cultural heritage and legacy? What monitoring and management tools are currently available or should be developed in the near future? The course aims to give students a broad perspective on the impact of sea level rise upon coastal areas from the social, economical and environmental point of view. Adaptation and mitigation strategies will be analyzed and students will be involved in discussions on critical management issues, developing their own critiquing concepts in a multidisciplinary framework. Participants will learn, in class and in the lab, the use of operational tools for coastal zone monitoring and management, and will participate in two field campaigns aimed at exploring the most up-to-date techniques for coastal defense and protection. The Venice Lagoon will be used as a "laboratory", the ideal setup to study the intertwined dynamics of human and natural systems. The Venice Lagoon is a



diverse ecosystem providing invaluable services, which has been deeply transformed over the long history of the Venetian State and, in more recent years, by extremely impacting engineering works. The area also has a rich history with people whose families have resided in the city for generations and have strong attachments to the area. Hence, it is an exceptionally well-documented case of the coexistence of the natural and the built environments, of the tension between sustainable and unsustainable uses of natural resources, and the potential for vigorous political controversy over possible adaptation strategies. The MOSE system, the systems of gates currently being constructed to protect the city of Venice from extreme high tides, is just an example of the important infrastructures that the students will visit.

MOBILE GATES TO CLOSE THE LAGOON INLETS



Topics:

- Causes and consequences of global environmental change.
- Modelling and prediction of environmental changes in coastal areas.
- Social, economic and political impacts of sea level rise.
- Environmental monitoring and management of coastal morphology and water quality: strategies and technologies
- The resilience of coastal human-natural systems.
- Analysis of extreme events
- Sustainable development along the coast: strategic retreat or coastal protection/conservation?
- Global health and climate change: future scenarios in coastal areas.

Target:

Undergraduate and graduate students from any university and any discipline with an interest in environmental issues, and able to read and write fluently in English. Applicants familiar with these subjects and already working in private companies or public administrations are welcome.

Program structure:

The course duration is 2 weeks. Students will attend lectures or labs every day, 6 days per week and will participate in field trips in the Venice Lagoon and its surrounding.

Duration and period:

2 weeks, 13 - 25 July 2015

Location:

San Servolo Island, Venice (Italy).

Credits:

An official **Duke University, Nicholas School Diploma** will be issued at the end of the course. For information on ECTS credits please refer to the website at <http://www.univiu.org/shss/seminars->

[summer-schools/rising-sea-levels](#) or contact the Venice International University office at shss@univiu.org

Program director:

Sonia Silvestri
Nicholas School of the Environment, Duke University
sonia.silvestri@duke.edu

Program tuition and fees:

Tuition fees for the 2015 edition is EUR 1,800 (about \$ 2,350) and include course materials, use of VIU facilities, fieldtrips in the Venice lagoon and a final social dinner.

An all inclusive formula is also available and includes all the above plus accommodation and lunch on weekdays. In this case the cost of the two weeks program is EUR 2.750 (about \$ 3,500)

The cost of the program does not include: - Passport and visa if necessary - Travel to and from the country of origin - Meals on weekends, dinners and breakfasts - Travel and health insurance (mandatory) - Personal expenses and anything else not listed.

Courses:

- **Global environmental change, global warming, changing oceans and sea level rise**
([Nicolas Cassar](#), *Division of Earth & Ocean Sciences, Nicholas School of the Environment, Duke University*)
- **Extreme events in coastal areas: data analysis and modelling**
([Marco Marani](#), *Division of Earth & Ocean Sciences, Nicholas School of the Environment, Duke University*)
- **The impact of sea level rise and climate change on global water resources**
([Mario Putti](#), *Department of Mathematics, University of Padova*)
- **Coastal wetlands ecology, restoration and management**
([Brian Silliman](#), *Division of Marine Science & Conservation, Nicholas School of the Environment, Duke University*)
- **Coastal environmental change processes: modelling and prediction**
([Andrea D'Alpaos](#), *Department of Geosciences, University of Padova*)
- **Environmental monitoring of coastal morphology and water quality**
([Sonia Silvestri](#), *Division of Earth & Ocean Sciences, Nicholas School of the Environment, Duke University*)
- **Sea level rise and coastal areas: economic assessment of policy strategies**
([Brian Murray](#), *Nicholas Institute, Duke University*)
- **Globalization, environment and sustainable development in coastal areas**
([Ignazio Musu](#), *Venice International University and Ca' Foscari University*)
- **Climate change, sea level rise and global health in coastal areas**
([William Pan](#), *Duke Global Health Institute and Nicholas School of the Environment, Duke University*)

Scholarships:

A limited number of scholarships may become available in the late Spring in order to partially support tuition and will be assigned on the basis of merit criteria. Please contact the VIU office for further information. Complete information about the program is available at:

<http://www.univiu.org/shss/seminars-summer-schools/rising-sea-levels>

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