

Report

Dear Sir or Madam,

We appreciate for your cooperation.
We would like to utilize feedback from your opinion in the near future.
Please make a report on your lecture in English.
This report will be posted on the website of Hiroshima University.

Sincerely,

Graduate School of Engineering, Hiroshima University

(1) Name of Lecturer: IOAN NISTOR

(2) Position: Professor and Interim Dean of the Faculty of Engineering

(3) Affiliation: Department of Civil Engineering, Faculty of Engineering, University of Ottawa,
CANADA

(4) Short Biography: Dr. Ioan Nistor is a Professor of Hydraulic and Coastal Engineering in the Department of Civil Engineering of the University of Ottawa. Dr. Nistor is a coastal and hydraulic engineer researching hazards associated with extreme hydrodynamic loading on infrastructure (tsunami impact on infrastructure, extreme wave and flood forces on structures, dam failure phenomena, etc.), coastal erosion, and hydrodynamics and impact of coastal disasters. Dr. Nistor is the Chair of the Maritime and Coastal Division of International Association for Hydro-Environment Engineering and Research (IAHR) and a member of the Board of Directors of the Canadian Coastal Science and Engineering Association. He is also a voting member of the ASCE7 Tsunami Loads and Effects Subcommittee for the elaboration of New Design Guidelines for Tsunami-Resistant Buildings.

Dr. Nistor is also an Associate Editor of the Journal of Waterways, Ports, Coastal and Ocean Engineering (ASCE-USA), of the Coastal Engineering Journal (JSCE – Japan), and of the Canadian Journal of Civil Engineering (CSCE-Canada). He is the winner of several research and teaching awards: the 2014 JWPCOE (ASCE) Outstanding Paper Award, the 2010 Award of the Tsunami International Society, the 2010 Excellence in Education Award of the University of Ottawa, the 2009 John V. Marsh Teaching Award of the Faculty of Engineering, and the 2005 Ontario Ministry for Infrastructure Renewal award.

(5) Subject and Schedule of the Lectures:

The following lectures were offered as a part of the course "Environmental Coastal Engineering" offered in the Department of Civil and Environmental Engineering of Hiroshima University.

Monday, June 26 (10:30 – 12:00)

LECTURE 1: Introduction

LECTURE 2: Ocean Waves and Wave Theory

Tuesday, June 27 (14:35 – 16:05)

LECTURE 3: Ocean Circulation

Wednesday, June 28 (10:30 – 12:00)

LECTURE 4: Wave transformation in the surf zone

LECTURE 5: Rip currents

Wednesday, June 28 (12:50 – 14:20)

LECTURE 6: Sediment Transport Mechanisms in Coastal Areas

Thursday, June 29 - (12:50 – 14:20)

LECTURE 7 : Coastal Morphodynamics

Thursday, June 29 - (16:20 – 17:50)

LECTURE 8 : Basics of Climate Change

ASSIGNMENT

Just as in the past several years, due to time limitations, I could only prepare and administer one simple assignment for this section of the course. All students passed and I think that, this year, the quality of the English language was better than in previous years.

(6) Comments:

As usually, this course provided me with an excellent opportunity to teach students with different graduate specializations in Civil Engineering (Structural, Geotechnical, Environmental, Hydraulic) some of the basic concepts of Coastal Engineering. I would evaluate the class of this year less interactive than the one of last year:

- a. My main comments towards improving the experience of the Japanese students would be to strongly encourage them to ask questions and to communicate more during the class. As a former PhD Monbusho student myself, I am relatively familiar with the Japanese academic culture. I think students need to be encouraged to ask questions and challenge the professor: the lecture has to be a bi-directional experience – I also expect to learn from my graduate students and I want them to be able and not be afraid to challenge me intellectually.
- b. If possible, I suggest that Hiroshima University introduces classes on Communication and Professional Development to help Japanese students to get more comfortable with interacting with foreign people – I feel that they were overly shy and I think they need more such experiences, either by bringing in more foreign teachers or, even better, by sending the student abroad as part of an internship.
- c. This seems to be an ongoing observation but some students seem to be very tired and sleepy. Just as mentioned following the last year's course, I think that the students need to be counseled on work/life balance since this is important for their capacity of learning and advancing their knowledge.
- d. Overall, I enjoyed teaching these lectures VERY much! It is always a great opportunity to be able to develop the minds of students from other countries and try to expose them to other experiences.

(If possible, please attach photos of your lecture.)