

IAEA-Argonne Workshop on Decision Makers on Flood Management & Mitigation

September 1-3, 2015

Hosted By: International Programs Section
Argonne National Laboratory
international.anl.gov





THE PURPOSE

Training

PURPOSE

To bring about awareness and actions amongst decision makers in Member States in the application of nuclear techniques for flood risk mitigation and management (including post-flood rehabilitation efforts).

FOCUS

- Integrated watershed management approach
- Tracers to track the sources and pathways of diseases, nutrients, and soil and water movement
- IAEA-recently developed guidelines on the *Applications of Nuclear Techniques for Flood Mitigation and Management*



Participants and Lecturers of this course visited the University of Chicago Gleacher Center
Photo Credit: Natalie Wren, Argonne National Laboratory

THE COURSE

Welcome to Argonne National Laboratory

Introduction
to Argonne



Safety at
Argonne



The Lecturers and Staff

Technical Director: Sebastian Heath, International Atomic Energy Agency

Program Manager: Sunaree Hamilton, Ph.D., Argonne National Laboratory



Sebastian Heath



Ho-Seung Lee



Pengyin Chen



Lee Heng



Carol Kendall



Michael Klingner



Phil Bradshaw



Sebastian Heath, International Atomic Energy Agency

Role of Soil Type
& Structure in
Flood Risk

Mitigation and
Post-Flood
Management of
Animal Health

IAEA Technical
Cooperation
Program



Ho-Seung Lee, International Atomic Energy Agency

Conventional
Approaches with
Nuclear
Techniques in Asia



Pengyin Chen, University of Arkansas

Pre-Flood
Mitigation and
Post-Flood
Management

Soybean Flood
Tolerance
Research in
Arkansas



Lee Heng, International Atomic Energy Agency

Joint FAO/IAEA
Programme in
Food and
Agriculture



Photo Credit: Lee Heng

Carol Kendall, U.S. Geological Survey

Understanding
Floods



Photo Credit: Carol Kendall



Mike Klingner, P.E., Klingner & Associates

Flood
Management
& Agriculture



Photo Credit: Blessinghospital.org



Phil Bradshaw

Farming



THE PARTICIPANTS



Totti Tjiptosumirat Indonesia





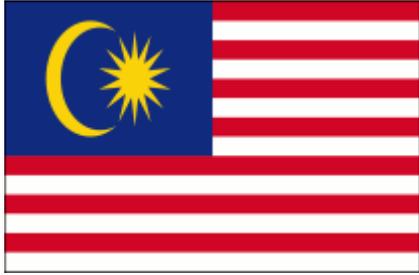
Kosal Chim Cambodia





Sovanna Thach Cambodia





Wan Zakaria
Wan Muhamad
Tahir
Malaysia





Lei Lei Oo Myanmar





Moe Thazin
Shwe
Myanmar





Gnanasiri
Palitha
Gunawardana
Sri Lanka





Dharmakeerthi
Bandara
Wickramasinghe
Sri Lanka





Wattanapong
Montree
Thailand





Ocpasorn
OcCarach
Thailand





Thi Lang Nguyen Vietnam





Thanh Long To **Vietnam**

Photo
Unavailable



IAEA - Argonne
Workshop on Decision Makers Awareness on
Flood Management and Mitigation



<http://www.facebook.com/IPSection>

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THANK YOU