



2019 ProSPER.Net Leadership Programme

'Engineering Approaches to Disaster Risk Reduction and Management Towards Sustainable Development in the Asia-Pacific Region'

24-30 November 2019

Hosted by the University of the Philippines Diliman, Quezon City, the Philippines

Programme

| DAY | TIME | SESSION AND CONTENT | LECTURER/RESOURCE PERSON |
|---------------------------------|--------------|--|---|
| Day 0 24 Nov (Sun) | | Arrival | |
| Day 1 25 Nov (Mon) | 8:30-9:00 | Registration @ Seminar Room D, 3rd Floor of UP National Engineering Center (NEC) | |
| | 9:00-10:20 | Opening Ceremony | |
| | | <ul style="list-style-type: none"> Welcome remarks | Dr. Michael Tan (Chancellor, University of the Philippines (UP) Diliman) |
| | | <ul style="list-style-type: none"> Introduction to the ProSPER.Net Leadership Programme | Dr. Fumiko Noguchi (United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS)) |
| | | <ul style="list-style-type: none"> Introduction of the participants and ice breaking activity | UP, UNU-IAS |
| | 10:20-10:30 | <i>Break</i> | |
| | 10:30-12:00 | Lecture 1: Introduction to SD and ESD (workshop) | Dr. Fumiko Noguchi (UNU-IAS) |
| | 12:00-13:00 | <i>Lunch</i> | |
| | 13:00-14:30 | Campus Tour | |
| | 14:30-16:00 | Lecture 2: Sendai Framework and DRR | Dr. Riyanti Djalante (UNU-IAS) |
| 16:00-16:10 | <i>Break</i> | | |
| 16:10-17:30 | Group work | Dr. Fumiko Noguchi and Dr. Riyanti Djalante (UNU-IAS) | |
| Day 2 26 Nov (Tue) | 9:00-10:30 | Lecture 3: Local Community Empowerment and Multi-stakeholder Participation in DRRM | Mr. Ramon Mapa (People's Initiative for Learning and Community Development (PILCD)) |
| | 10:30-10:45 | <i>Break</i> | |
| | 10:45-12:00 | Lecture 4: Introduction to Systems Analysis, Life Cycle Analysis, and Multi-Criteria Decision Making Tools (Part 1) | Dr. Virginia Soriano (UP) |
| | 12:00-13:00 | <i>Lunch</i> | |
| | 13:00-14:00 | Lecture 4: Introduction to Systems Analysis, Life Cycle Analysis, and Multi-Criteria Decision Making Tools (Part 2) | Dr. Virginia Soriano (UP) |
| | 14:15-15:45 | Lecture 5: Vulnerability Mapping (Vulnerability Assessment) | Dr. Ariel Blanco (UP) |
| | 15:45-16:00 | <i>Break</i> | |
| 16:00-17:00 | Group work | UP, UNU-IAS | |
| Day 3 27 Nov (Wed) | 9:00-10:30 | Lecture 6: Sustainable Energy Technologies | Dr. Rizalinda de Leon (UP) |
| | 10:30-10:45 | <i>Break</i> | |
| | 10:45-12:15 | Field trip introduction session | Marikina City RESCUE 161 |
| | 12:15-13:15 | <i>Lunch</i> | |
| | 13:15-14:45 | Lecture 7: Social Impact Assessment | Dr. Nestor Castro (UP) |

| DAY | TIME | SESSION AND CONTENT | LECTURER/RESOURCE PERSON |
|-----------------------------------|-------------|--|-------------------------------|
| | 15:00-15:15 | <i>Break</i> | |
| | 15:15-17:30 | Group Work | UP, UNU-IAS |
| Day 4 28 Nov (Thu) | 8:00-15:00 | Field trip to Marikina City (e.g. rehabilitation site, bridge, dam, infrastructure, heritage area) | UP |
| | 15:00-16:00 | Group Work | UP, UNU-IAS |
| | 16:00-16:30 | Lecture 8: Resilience of Structures | Prof. Fernando J. Germar (UP) |
| | 16:30-17:30 | Group Work | UP, UNU-IAS |
| | | | |
| Day 5 29 Nov (Fri) | 9:00-10:00 | Group Work | |
| | 10:00-12:20 | Group Presentations | UP, UNU-IAS |
| | 12:20-13:20 | <i>Lunch</i> | |
| | 13:20-14:00 | Reflection | UP, UNU-IAS |
| | 14:00-14:30 | Evaluation | UNU-IAS |
| | 16:00-17:00 | Closing Ceremony/ Awarding of Certificates | UP |
| Day 6 30 Nov (Sat) | | Departure | |