TRAINING CENTER FOR APPLIED GEODESY AND PHOTOGRAMMETRY
National Engineering Center, University of the Philippines, Quezon City 1101
Tel. Nos.: (+63-2) 981-8770 / (+63-2) 981-8771; Telefax: (+63-2) 920-8924

UP DREAM Program Training Design
National Conference on Assessment and Sustainability

I. RATIONALE

The Nationwide Disaster Risk and Exposure Assessment for Mitigation Program (DREAM), funded by the Department of Science and Technology and using cutting edge technology called LiDAR (Light Detection and Ranging), is drawing to a close on May 2016. As the Program ends, it is necessary to conduct an activity that will highlight the need for the utilization and sustainability of LiDAR technology, to contribute to the increased efficiency in government planning.

As an evaluation activity for the Program, stakeholders should be tapped and serve as resource persons to examine and properly define future plans for LiDAR technology sustainability in a developing country setting such as the Philippines. Within more than four years of operations, it is value-adding to gather during this period the perspectives and insights of stakeholders as to the role of LiDAR technology in improved planning and governance in the Philippines. There may be areas of collaboration and increased stakeholder utilization of high-quality LiDAR data as a result of the activity. The target stakeholders will have a venue to pinpoint their specific needs, in the areas of various LiDAR applications, such as agriculture and irrigation, early warning and disaster risk reduction, and water supply concerns, among others. The activity may also clarify understanding of LiDAR technology and its constraints and limitations as of the present, and the areas for expansion and improvement in the next years, even in the long-term.

II. OBJECTIVES

At the end of the conference, participants are expected to:

1. Gain appreciation for the necessity of LiDAR data generation in the Philippines
2. Provide inputs as to the benefits of LiDAR data to their respective offices/ organizations
3. Identify the gaps of LiDAR data distribution
4. Provide information as to the LiDAR needs of their organization/ office

Disaster Risk and Exposure Assessment for Mitigation

5. Increase awareness on the End User License Agreement as users of LiDAR data

NATIONAL CONFERENCE ON ASSESSMENT AND SUSTAINABILITY PROGRAMME OF ACTIVITIES April 22, 2016 Microtel, Commonwealth		
8:30 – 9:00am	Registration	
9:00 – 9:30	Opening Ceremonies Philippine National Anthem Opening Prayer Welcome Remarks Opening Remarks	 UP President Nemenzo Dr. Enrico C. Paringit
9:30 – 10:00	Presentation 1	DOST Secretary Montejo
10:00 – 10:15	Presentation 2	Mr. Alastair Duncan
10:15 – 10:30	Presentation 3	NWRB Deputy Director
10:30 – 10:45	Presentation 4	NIA Representative
10:45 – 11:00	Presentation 5	DPWH Flood Management Deputy Director
11:00 – 11:10	Panelists' Reaction	CE Dean Aura Matias PCIEERD Dir. David
11:10 – 11:30	EULA Discussion	Engr. Mark Tupas
11:30 – 12:00	Open Forum	Engr. Louie P. Balicanta
12:00 – 1:00pm	Lunch Break	
1:00 – 3:00	Focus Group Discussion	Engr. Louie Balicanta Engr. Ma. Rosario Ang Mr. Alastair Duncan
3:00 – 3:15	Afternoon Snack	
3:15 – 3:45	Presentation of Outputs	
3:45 – 4:00	Awarding of Certificates Closing Remarks Group Photo Session	Dr. Enrico C. Paringit

Disaster Risk and Exposure Assessment for Mitigation

III. Prospective Participants

For the National Conference on Assessment and Sustainability, the participants are the following:

(1) The Phil-LiDAR 1 Project Leader from each of the partner SUCs and HEIs below:

- Isabela State University (ISU) – (unable to attend)
- Central Luzon State University (CLSU) – Dr. Annie Paz-Alberto
- University of the Philippines Diliman (UPD) – Engr. Louie P. Balicanta, Engr. Ma. Rosario Concepcion Ang, Engr. Mark Edwin Tupas
- Ateneo de Naga (AdNU) –
- University of the Philippines Los Baños (UPLB)
- Mapua Institute of Technology
- Visayas State University (VSU)
- University of the Philippines Cebu (UP Cebu)
- Universtiy of San Carlos (USC)
- Caraga State University
- University of the Philippines Mindanao (UP Mindanao)
- Central Mindanao University
- Mindanao State University Iligan Institute of Technology
- Ateneo de Zamboanga University (ADZU)

(2) Program Leader, Project Leaders, Chief Science Research Specialists, and Supervising Science Research Specialists from the Data Acquisition, Data Validation, Data Processing, Flood Modelling, and Data Archiving and Distribution of the UP DREAM Program

(3) Resource Speakers (Please see Part V)

The total will be 50 participants.

IV. Qualifications of Participants

- Participants to this training must be decision-makers from the parter SUCs and HEIs
- Representatives from the components of the UP DREAM Program

V. Resource Speakers/ Facilitators

- Department of Science and Technology Secretary Mario Montejo
- National Water Resources Board (NWRB) Director Dr. Sevillo D. David, Jr.

Disaster Risk and Exposure Assessment for Mitigation

- UP Chancellor Michael Tan
- Department of Public Works and Highways Representative Patrick Gatan

- PCIEERD Executive Director Carlos David
- College of Engineering Dean Aura Matias
- MWSS Administrator Gerardo Esquivel

VIII. Seminar Schedule and Venue

The Assessment Training with Alistair Duncan and Patrick Hogarth will be on April 18-21, 2016 at the DREAM Program Office, while the National Conference on Assessment and Sustainability is set on April 22, 2016 in Microtel, Commonwealth.

IX. Training Requirements

- Training equipment, such as projector and screen
- Laptops for preparation of presentations

X. Methodology

The training will involve lectures delivered by resource speakers who are experts in their respective fields and who are knowledgeable and experienced in project sustainability, as well as the potential of LiDAR data validation, processing, and flood-model generation in varied applications. Lectures will be aided by Powerpoint presentations and one round table discussion session in the afternoon for the participants to discuss the information gained from the lectures in relation to LiDAR application and sustainability in the Philippines.

XI. Expected Output

- Participants with increased knowledge in the topics as discussed by the presenters, and able to apply the relevance of the presented information to the round table discussion on LiDAR sustainability
- Concrete inputs and potential courses of action towards sustainability of LiDAR output generation in the Philippines

Disaster Risk and Exposure Assessment for Mitigation