

AWCI Session for the 15th AOGEO Symposium
September 21, 2022

Country Report on the Platforms on Water Resilience and Disasters

PHILIPPINES

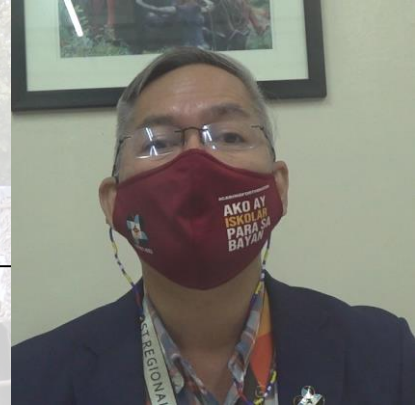


Dr. Anthony C. Sales, CESO III
Regional Director, DOST XI



Dr. Della Grace Bacaltos
Professor, Davao del Sur State College

PLATFORM on Water Resilience and Disasters



National

Data Integration

Early Warning

Climate Change Assessment

Region

Davao (Davao River Basin)

Central Luzon-NCR-CALABARZON

SATREPS

Davao HELP Network

Early Warning

CCA

Water-related Disaster

Environment

Agriculture

Economics

**AOGEO
AWCI**

OSS-SR

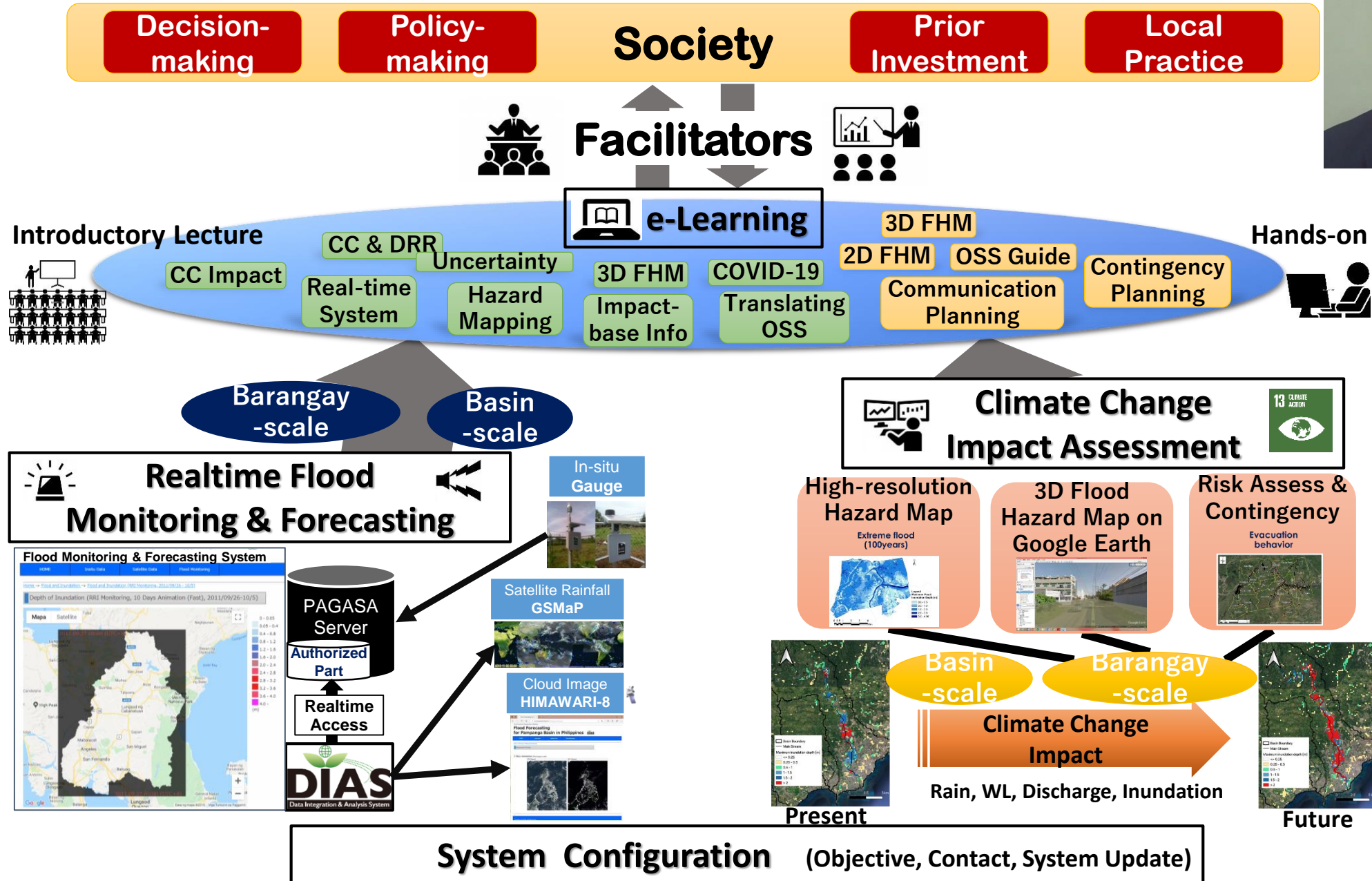
E-Learning for Facilitators

OSS-SR

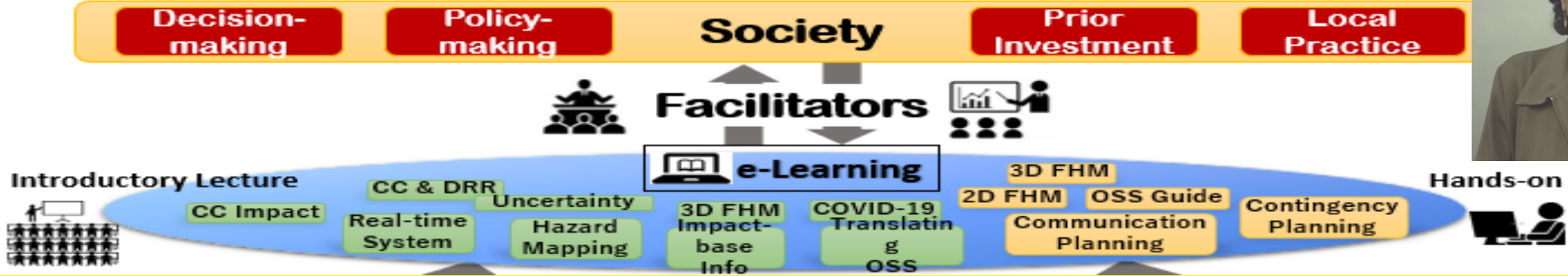
E-Learning

modeling

Online Synthesis System (OSS)



Online Synthesis System (OSS)



Participants in WS

Candidates for the facilitator were invited from different disciplines and sectors of society.



Candidate of Facilitator

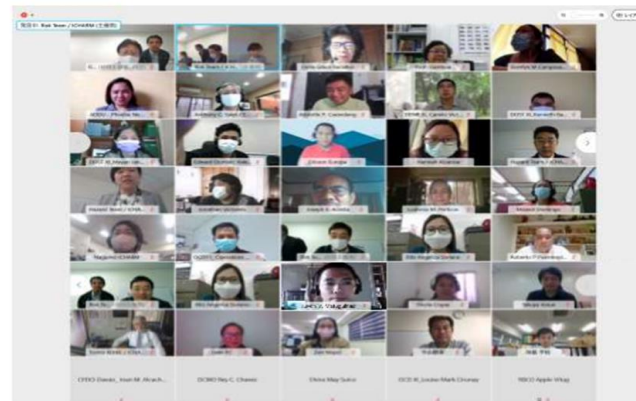
National Government	11
Local Government	2
Academe	11
Civil Society Organization	1
Private Sector	2
Media	2
TOTAL	29

- CRITERIA 1 (Direct disciplines):** Those who have a background in DRRM, CCA, Sustainability, IWRM, RBO management, Flood management, and Climate/meteorology

- CRITERIA 2 (Good mix of sciences):** Natural science, Engineering, Social science including communication, ICT, and Communicator in the mother tongue.

- CRITERIA 3 (Representation from different levels of governance):** Barangay, City/ Municipality, National government, Private sector/Industry, Civil society, Academe, Media, and Special representation from DRBMA which is an interregional body.

- CRITERIA 4:** Members of HELP Davao Network

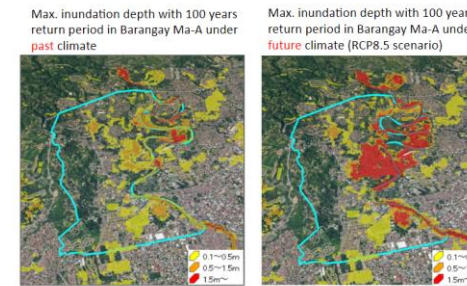


Participants in the Q & A Session

	Title	Lecturer	Outline
2-1	How to Use the OSS	M. Miyamoto K. Tamakawa	Understand the overview of OSS. Instruct how to download and use the data of climate change impact assessment, real-time basin-scale inundation, and local barangay-scale inundation.
2-2	Training on 2D & 3D Flood Hazard Mapping	K. Naito N. Nagumo	Learn how to make 2D flood hazard maps and identify flood risk at each Barangay level by using flood simulation results and QGIS software (free GIS software). Learn how to visualize flood risk in 3-dimension(3-D) by google earth and street view function.
2-3	Training on Contingency Planning	M. Ohara	Learn how to develop contingency scenario and plan among related stakeholders by using flood simulation results.
2-4	Communication planning	Della Grace Bacaltos (DSSC)	Create the specific action plan of Science Communication

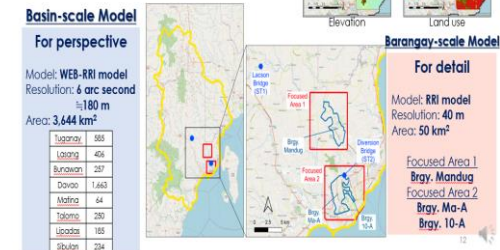
Increased Hazard under Climate Change

From Training HT-2



Contents of Davao OSS

4. Climate Change
4-2. Hydrological Model



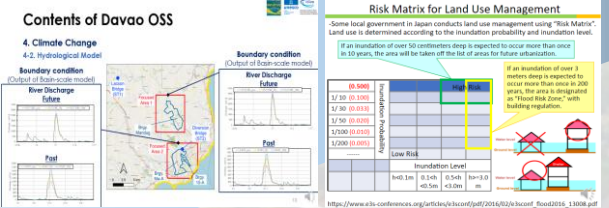
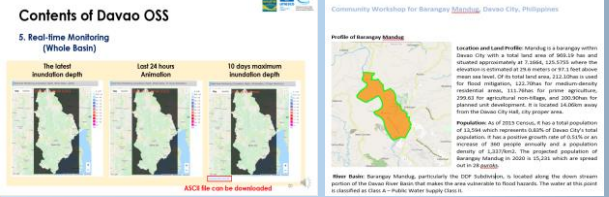
Platform for Water Resilience and Disaster in Davao River Basin, Philippines



OSS Deployment and Sustainability
 Policy Support/Institutional Commitment/Sustainability of “Facilitators” / Finance and Infrastructure

OSS Facilitators
 e-learning sessions/Cascading Sessions

Knowledge and Tools for Decision Making
 Data Integration/Early Warning/Economic Assessment/Climate Change (DIAS)/Communication/Contingency Plans



Sustainable, Resilient, and Inclusive Davao City