

# THE TRAINING ON THE PRACTICAL WAYS OF INTEGRATED COASTAL SPATIAL PLANNING-BASED ECOSYSTEM ADAPTATION (SPBEA)

SEMARANG, INDONESIA 13 – 20 April 2020



The coastal environment is ecologically and socio-economically important to support the people's livelihood. However, the pressure of human social-economic activities may induce the global climate change that causes the vulnerability of the coastal area, one of it is the sea level rise (SLR). The impact of SLR in various coastal regions are interacting with other factors, such as land subsidence (relative sea level rise), land conversion, high tide or storm surge. These factors in some parts of the world cause not only the coastal environment degradation but also the decrease in human quality of life.

Recent debates in sustainability science endorse the need for a sustainable spatial planning-based framework for the ecosystem as it appropriates various ecological and social benefits. Coastal people may adapt and mitigate the climate change impact with nature or ecosystem approach. Therefore, the Indonesian Society for Remote Sensing (ISRS/ Mapin) in cooperation with Badan Informasi Geospasial (BIG) and collaborate with Diponegoro University, SEAMEO BIOTROP, Universiti teknologi Malaysia (UTM), National Ciao Tung University (NCTU) – Taiwan, Ohio State University (OSU) – USA and Chinese's Academy of Sciences, will held the training on the practical ways of integrated coastal Spatial Planning-Based Ecosystem Adaptation (SPBEA) in Semarang Indonesia on April 13<sup>th</sup>– 20<sup>th</sup>, 2020.



The lecture will consist of the supporting theory of climate change-based SLR and hydrological disasters, coastal ecosystem functions and services, social, cultural and economic of coastal inhabitants of the study area, technique of mapping, technique of spatial planning, the technique of modeling, the experience of the ecosystem adaptation in the collaborator's countries, the method for deriving the prototype of integrated SPBEA and evaluation of the derived model. Meanwhile, in class practicing will focus on mapping practicing and the deriving the model of SPBEA.

We would like to invite the early careers and young scientists from Southeast Asia countries to participate in this training. Funding is available for the selected participants. For eligibility for the funding should meet the criteria of

- the age are not older than 35,
- early career in earth science and has a bachelor degree in earth science, master or PhD students in earth-sciences,
- understand and able to operate RS and GIS software and fluent in English.



The candidate should submit a letter which showing the the candidate's interest for the training, CV, and an extended/ summary of the knowledge in Spatial-planning based ecosystem adaptation.

## Important Dates:

- Call for participation: January , 1<sup>st</sup> 2020 to February 28<sup>th</sup> 2020
- selection for the funded trainee: March 2<sup>nd</sup> - 4<sup>th</sup> 2020
- announcement for the successful candidate: March 4<sup>th</sup> - 7<sup>th</sup> 2020
- Invitation : March 8<sup>th</sup> - 14<sup>th</sup> 2020
- Administrative assistance for participants; visa, travel, accommodation : March 14<sup>th</sup> - 28<sup>th</sup> 2020
- Implementation April 13<sup>th</sup> - 20<sup>th</sup> 2020

For any inquiry and submission, please contact:

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or fill the form at <https://forms.gle/s13HskYexbdoXkASA>

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