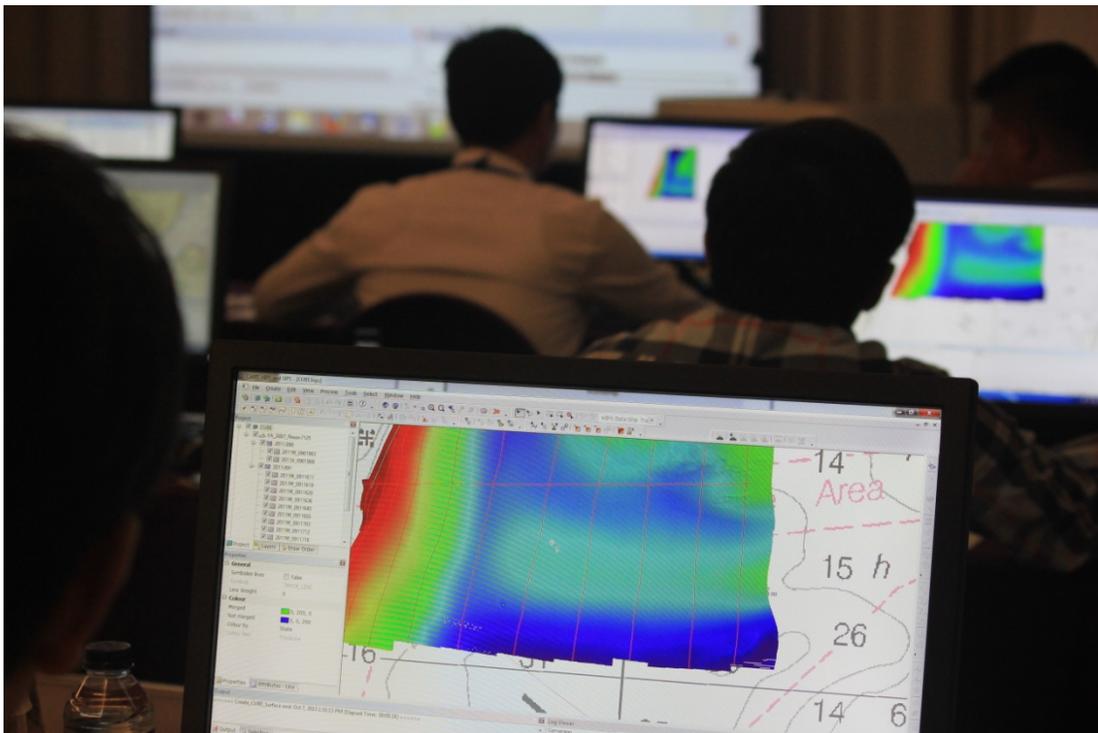




EAHC 2015

EAHC Training on Seabed Classification and Multi Beam Survey 2015

Dishidros hosted 5 day EAHC Training on Seabed Classification and Multibeam Survey in Bandung from 5th to 9th October 2015. Participants from 9 respective countries of EAHC member states, Brunei Darussalam, Indonesia, Korea, Malaysia, Phillipines, Singapore, Thailand, Japan dan Vietnam. Dishidros also invited several relevant stake holder in Indonesia to joint this course, they are Geospatial Information Agency, Hydrographic Sciences and Engineering Bandung Institute of Technology, and Hydro-Oceanographic of Naval Institute Technology.

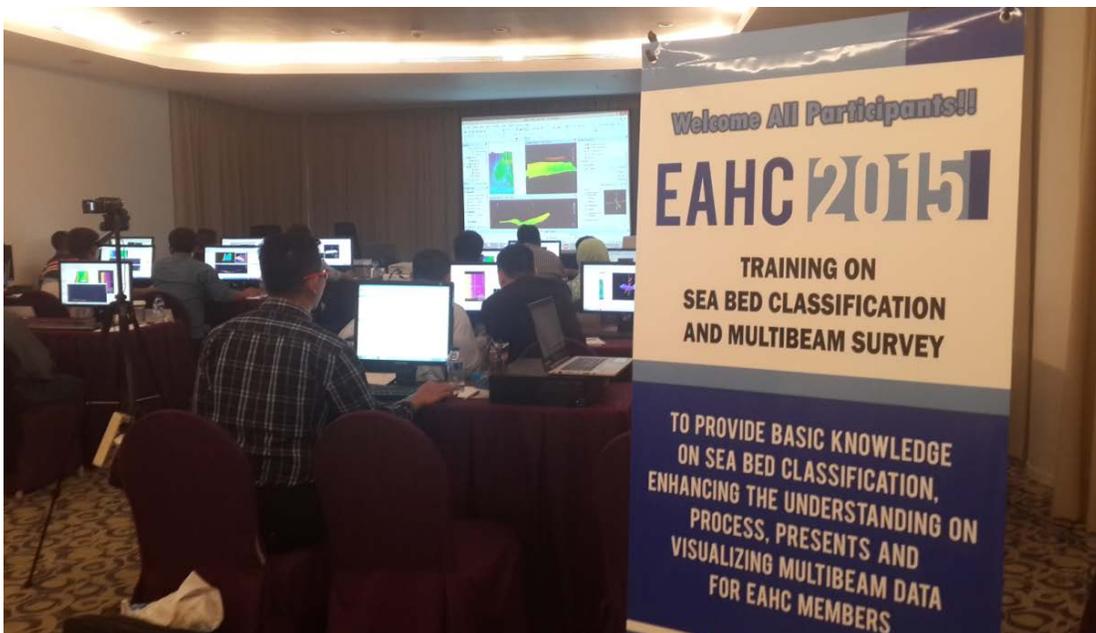


The training focused on data processing using Caris HIPS SIPS software held for 4-day using examples of datasets from various regions and surveys, whereas the theory as a basis of knowledge is given for 1-day. This course is designed to give hydrographers of EAHC member states basic knowledge and hands-on post processing of singlebeam, multibeam and side scan sonar for seabed classification using Caris HIPS SIPS. Furthermore, trainees are expected to be a capable on multibeam data processing, even though it requires long term proficiency and experiences.



EAHC 2015

Two main instructors are DR. Rer. Net Poerbandono, he is an Associate Professor at Hydrography-Bandung Institute of Technology gave a lecture of theoretical overview of introduction to seabed classification, overview of hydro-acoustics, and fundamentals operation of selected hydro-acoustics devices. Afterwards, practical session using Caris HIPS SIPS version 9.0 software has been delivered by Tami Beduhn from Caris US Technical Support Consultant. They both have extensive experiences across a diverse range of bathymetry survey and multibeam data processing, including data analyze for seabed classification. Additionally, representation from Dishidros Lt. Cdr Adhi Kusuma has also shared his experiences on installation, calibration, data acquisition of multibeam survey in short session.



Pre-learning training materials has been provided to all participants a week before the course started therefore trainees had a better understanding at the beginning and training activities more focused on the practical and discussion. In addition on reading the subject matter in advance raises many questions from the participants, it made classroom atmosphere very interactive.



EAHC 2015



Indonesia Chief Hydrographer Commodore Daryanto in his speech said that this activity is a capacity building program of IHO and reserved for member states to enhance the ability of personnel in the field of hydrography, especially those related to technology using multibeam hydrographic surveys. The objective of the training is to provide basic knowledge about the hydro-acoustic and physical aspects for the identification and classification of seabed objects as well as improving understanding of the process and multibeam data visualization. He added that multibeam technology itself is a technology that has been used several decades ago, but the utilization of the data still needs to be dug and developed further. He also expressed many thanks to all participants, instructors, and the committee who have worked together so that the training can be carried out smoothly and successfully. He added that similar course activities will continue to be implemented and developed, especially in data processing and bathymetry database.



EAHC 2015

During the course, participants were actively participating and engaged with their instructors very friendly. EAHC and Dishidros expected that after completion of the training, the participants have sufficient knowledge and skills to be applied in their duties as hydrographers after returning to their countries. Moreover, this activity is expected to strengthen, nurture and build relationships of cooperation in hydrography with EAHC member states and relevant agencies in Indonesia.

