

SCHEDULE
TRAINING COURSE ON REMOTE SENSING-BASED
SEAGRASS BLUE CARBON ASSESSMENT

23 September-4 October 2024

ONLINE SESSION

Time (Jakarta Time)	Agenda	Facilitator / PIC	Location
Monday, 23 September 2024			
09.00-09.35	Opening - Remarks and opening from SDMI BRIN - Group photo	Committee	Zoom Meeting
09.35-10.10	Training Introduction	Indra Bayu Vimono Sofia Yuniar Sani Arvita Rosmawati	
10.10-10.35	Pre-test	Committee	LMS www.briliant.brin.go.id
10.30-12.00	Seagrass ecosystem services as natural capital assets providing blue carbon ecosystem services (<i>lecture</i>)	Dr. Mat Vanderklift	Zoom Meeting
12.00-13.00	Lunch Break		
13.00-14.30	Basics of Remote Sensing (<i>lecture</i>)	Dr. Bayu Prayudha/ M. Banda Selamat	Zoom Meeting
Tuesday, 24 September 2024			
09.00-09.45	Introduction on Seagrass Ecology	Dr. Udhi Eko Hernawan	Zoom Meeting
14.00-15.30	Introduction to seagrass blue carbon measurement: Methods & Analysis (<i>lecture</i>)	Dr. Inés Mazarrasa Elósegui	Zoom Meeting
Wednesday, 25 September 2024			
09.00-10.30	Seagrass remote sensing (<i>lecture</i>)	Dr. Chris Roelfsema	Zoom Meeting
10.30-12.00	Remote sensing application for estimating seagrass above ground carbon stock (<i>lecture</i>)	Prof.Dr. Pramaditya Wicaksono	Zoom Meeting
12.00-13.30	Benthic Habitat Mapping using Drone (suggested: drone survey for collecting seagrass reference data)	M. Faqih Hidayatullah/ Indrawan Pratyaksa	Zoom Meeting
Thursday, 26 September 2024			

09.00-10.30	Geospatial Information Policy in Indonesia : One Map Policy and Geospatial Data Custodian (lecture)	Dr. Doddy Mendro Yuwono	Zoom Meeting
10.30-12.00	Developing the seagrass blue carbon network : Indonesia's Case and its potential scale-up (lecture)	Dr. Indra Bayu Vimono/ Dr. Novi Susetyo Adi	Zoom Meeting
12.00-13.00	Travel & logistic arrangements	Committee	Zoom Meeting

OFFLINE SESSION

Time (Jakarta Time)	Agenda	Facilitator / PIC	Location
Sunday, 29 September 2024			
	Participants Arrival	Committee	Soekarno Hatta Int'l Airport - Hotel
Monday, 30 September 2024			
08.30-09.00	Re-Registration session	Committee	Hotel
09.00-10.00	Welcoming session <ul style="list-style-type: none"> • Welcoming remarks and report Director of RCO BRIN/RTRC • Remarks from South-South and Triangular Cooperation (SSTC) • Remarks from IOC UNESCO (video) • Formal opening + remarks from Vice Chairman of BRIN • Group photo • Ice breaking 	Committee	
10.00-10.20	Coffee Break		
10.20-11.05	Seagrass blue carbon survey techniques and preparation	Dr. Novi Susetyo Adi/Dr. Doddy M.Y/Dr. Bayu P.	
11.05-11.50	Guideline to conduct research and training in Indonesia (lecture)	Sofia Yuniar Sani	
11.50-13.00	Lunch Break		
13.00-13.45	Field data management	Dr. Novi Susetyo Adi/Dr. Doddy M.Y/Dr. Bayu P.	

13.45-14.30	Field trip introduction & group dynamic	Dr. Indra Bayu Vimono/Sofia Yuniar Sani	
19.00 - selesai	Welcoming Dinner		
Tuesday, 1 October 2024			
06.00-18.00	Travel organisation and snack	Dr. Bayu Prayuda/Dr. Doddy M. Y/ Dr.	Pari Island, Jakarta, Indonesia
	Sampling	Muhammad Banda Selamat/ Dr. Nurul	
	Drone mapping (demo / MTCRC)	Dhewani/ Dr. Udhi E.H/	
	Group dynamics	Prof. Rohani A.R/ Dr.	
	CoffeeBreak	Novi S.A/Prof. Dr.	
	Lunch	Pramaditya W/Djody H/Huwaida/ M. Faqih	
	Sample handling	Hidayatullah/ Indrawan Pratyaksa	
Wednesday, 2 October 2024			
09.00-10.30	Field data interpretation & processing <i>(practical/demo)</i>	Prof. Rohani/Dr. Nurul	Hotel
10.30-10.45	Coffee Break		
10.45-12.15	integrating field data into satellite imageries <i>(data from drone)</i>	M. Faqih Hidayatullah/ Indrawan Pratyaks	
	Integrating field data into satellite imageries <i>(practical/demo)</i>	Prof. Dr. Pramaditya W	
12.15-13.00	Lunch Break		
13.00-14.30	Image pre-processing for seagrass mapping <i>(practical/demo)</i>	Djody/Huwaida	
14.30-15.00	Coffee break		
15.00-16.30	Seagrass habitat mapping (practical/demo)	Dr. Bayu Prayudha	
16.30-17.15	Accuracy assessment on seagrass habitat mapping (practical/demo)	Dr. Doddy/Dr. Bayu P	
Thursday, 3 October 2024			
09.00-09.45	Analysis using CN analyzer (lecture & video demo)	Isty Angrelina (MTCRC)	

09.45-11.15	Correlating ecological data to above-ground carbon biomass (practical/demo)	Huwaida/Djody	
11.15-11.30	Coffee Break		
11.30-13.00	Seagrass carbon stock mapping (practical/demo)	Dr. Bayu P/Prof. Pramaditya	
13.00-14.00	Lunch Break		
14.00-15.30	Accuracy assessment on seagrass carbon stock mapping (practical/demo)	Prof. Pramaditya / Dr. Bayu P	Hotel
15.30-15.45	Coffee break		
15.45-17.15	Average and total seagrass AGC estimation (practical/demo)	Djody/Huwaida	
17.15-18.45	Map Layout (practical/demo)	Dr. Doddy	
Friday, 4 October 2024			
09.00-10.30	Group presentation	All team (moderator: Sofia/Indra)	
10.30-10.45	Coffee Break		
10.45-11.30	Practical recap for seagrass habitat and seagrass blue carbon mapping through online facilitation	All team	Hotel
11.30-13.30	Lunch Break		
13.30-15.00	Evaluation and Post test	Indra Bayu Vimono, Sofia Yuniar Sani, Arvita Rosmawati	
15.00-15.45	Completion Ceremony & Closing		
Saturday, 5 October 2024			
Participants Departure		Committee	Hotel - Soekarno Hatta Int'l Airport