

MALDIVES SUMMER SCHOOL

18-27 November 2024 – Magoodhoo, Maldives

Timetable

Date	Activities	Location	Format
Monday 18 November	<i>Arrival and travel day to MaRHE Center</i> <i>Welcome: introduction and briefing</i> <i>Island Tour and welcome tea</i> 19:30 - Dinner 20:30 - Introduction to BridgET project	MaRHE Center Magoodhoo Pagoda	
Tuesday 19 November	08:30 - Snorkeling: briefing and water confidence (L. Fallati, A. G. Varzi) 11:30 - Group division, software installation and assignment of group mentors 12:30 - Lunch time 13:30 - Group division, software installation and assignment of group mentors 14:30 - Introduction to the Maldives: geography and culture (S. Malatesta) 15:30 - Geomorphology of a Coral Reef environment (A. Savini) 16:30 - Dhoni snorkelling 18:30 - Introduction to ESRI Story Map (V. Antoniou) 19:30 - Dinner 20:30 - NKUA seminar	Pagoda Pagoda Classroom Classroom Dhoni Classroom Classroom	Fieldwork session Laboratory session Laboratory session Classroom session Classroom session Other Seminar

	21:30 - Recap and briefing about next day's activity		
Wednesday <i>20 November</i>	08:30 - Best practices for Underwater Photogrammetry (L. Fallati)	Classroom	Classroom session
	09:30 - Underwater photogrammetry data acquisition (L. Fallati, A. G. Varzi, L. Marino)	Magoodhoo Lagoon	Fieldwork session
	12:30 - Lunch time		
	13:30 - Underwater photogrammetry data processing: introduction to Agisoft Metashape (L. Fallati)	Classroom	Classroom session
	14:30 - Underwater photogrammetry data processing using Agisoft Metashape (L. Fallati, L. Marino, F. Hemmateenejad, A. G. Varzi)	Pagoda	Laboratory session
	16:30 - Remote Sensing Data Retrieval: Uncrewed Aerial Vehicles (UAVs) (L. Fallati)	Classroom	Classroom session
	17:30 - UAVs: how to plan a software and equipment exhibition (J. Klusak, C. Drummer, J. Teege)	Pagoda	Fieldwork session
	19:30 - Dinner (romantic dinner)		
	20:30 - MBARI seminar	Classroom	Seminar
	21:30 - Recap and briefing about next day's activity		
Thursday <i>21 November</i>	08:30 - Visit of Filitheyo Island Resort (S. Malatesta)	Filitheyo	Cultural visit
	13:30 - Lunch time		
	14:30 - Group working time – data processing (students)	Pagoda	Laboratory session
	16:30 - GROUP A: UAV data acquisition (L. Fallati, J. Klusak, C. Drummer)		Fieldwork session
	16:30 - GROUP B: Underwater Photogrammetry data acquisition (A. G. Varzi, L. Marino)		Fieldwork session

	19:30 - Dinner 20:30 - LIÈGE seminar 21:30 - Recap and briefing about next day's activity		Seminar
Friday 22 November	08:30 - GROUP A: Underwater Photogrammetry data acquisition (A. G. Varzi, L. Marino) 08:30 - GROUP B: UAV data acquisition (L. Fallati, J. Klusak, C. Drummer) 12:30 - Lunch time 13:30 - Group working time – data processing (students) 14:30 - Acoustic survey in shallow waters: Multibeam Echosounder (MBES) systems (A. Micallef) 15:30 - MBES installation on the Dhoni (A. G. Varzi) 16:30 - QPS Qinsy software: how to plan a MBES survey (A. G. Varzi) 17:30 - Group working time – data processing (students) 19:30 - Dinner 20:30 - University of Malta seminar 21:30 - Recap and briefing about next day's activity	Restoration area Harbour Pagoda Classroom Harbour Classroom Pagoda Classroom	Fieldwork session Fieldwork session Laboratory session Classroom sessions Fieldwork session Classroom session Laboratory session Seminar
Saturday 23 November	08:30 - GROUP A: MBES data acquisition (A. G. Varzi, F. Hemmateenejad) 08:30 - GROUP B: UAV and Underwater Photogrammetry data acquisition (J. Klusak, C. Drummer, L. Fallati)	Magoodhoo Lagoon Harbour	Fieldwork session Fieldwork session

	12:30 - Lunch time 13:30 - QPS Qimera software: MBES data processing (A. G. Varzi) 14:30 - GROUP A: UAV and Underwater Photogrammetry data acquisition (J. Klusak, C. Drummer, L. Fallati) 14:30 - GROUP B: MBES data acquisition (A. G. Varzi, F. Hemmateenejad) 17:30 - Group working time – data processing (students) 18:30 - Visual Imaging: Remotely Operated Vehicles (ROVs) for ground-truthing (A. Savini) 19:30 - Dinner (Maldivian Night) 20:30 - University of Kiel seminar 21:30 - Recap and briefing about next day's activity	Classroom Harbour Magoodhoo Lagoon Pagoda Classroom Classroom	Classroom session Fieldwork session Fieldwork session Laboratory session Classroom session Seminar
Sunday <i>24 November</i>	08:30 - Research Methods and Applications (A. Savini) 10:30 - Trip to Adanga Island. MBES data acquisition, ROV explorations, UAV and Underwater Photogrammetry data acquisition 12:30 - Lunch time on the desert island 16:30 - Group working time – data processing (students) 19:30 - Dinner 20:30 - UiT seminar 21:30 - Recap and briefing about next day's activity	Classroom Adanga Island Pagoda	Classroom session Fieldwork session Laboratory session Seminar
Monday <i>25 November</i>	08:30 - Group working time – data acquisition and processing (students)	Pagoda or Magoodhoo	Field/Lab session

	12:30 - Lunch time 13:30 - Group working time – data acquisition and processing (students) 19:30 - Dinner (Barbecue) 20:30 - Recap and briefing about next day's activity	Pagoda or Mgoodhoo	Field/Lab session
Tuesday 26 November	09:00 - Dhoni snorkelling 11:30 - Group working time – data processing (students) 12:30 - Lunch time 13:30 - Group working time – data processing (students) 16:30 - Presentation of students' work (students) 19:30 - Dinner (Barbecue) 21:00 - Boduberu Night	Bileydhoo Pagoda Pagoda Classroom Pagoda	Other Laboratory session Laboratory session Cultural experience
Wednesday 27 November	<i>Departure from MaRHE Center</i>		