


REPORT OF TACTUAL WORKSHOP TRAINING SCHOOL ON 7 – 22 MAY 2023 AT MAZARRA DEL VALLO, ITALY

Representative student from UMT:

Jemimah Shalom B Peragas
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 Toh Siaw Hui

No.	Agenda item	Details	Action
1	Training School Opening Day	<ul style="list-style-type: none"> Welcoming speech <ul style="list-style-type: none"> Learned about the business in Mazara New technology for the fishing industry Learn about popular fishing industries fishing stocks in Mazara 	<ul style="list-style-type: none"> Opening speech – Institute Director Dr. Gian Marco Luna Welcoming speech – management support assistant Dr. Sergio Vitale Official Opening of Training School 2023 Dr. Vincenzo Maccarrone
2	Cooperation day	<ul style="list-style-type: none"> Learned about the backgrounds and study topics for our upcoming speakers for the training program. Learned about the efforts and the interests of the institute to understand how they make a difference in the environment with their knowledge of Marine coastal management. Visit the fishing district headquarters. (Blue Sea Land) We also learned about the Blue Sea Land opportunities to encourage environmental sustainability and cooperation between Mediterranean countries <ul style="list-style-type: none"> Enhancing diversity Promoting dialogue Peace Safeguarding the planet and ensuring human well-being 	None

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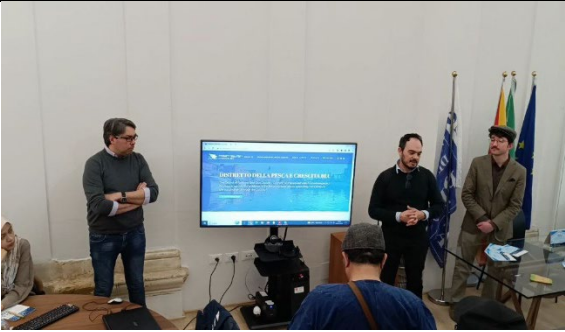
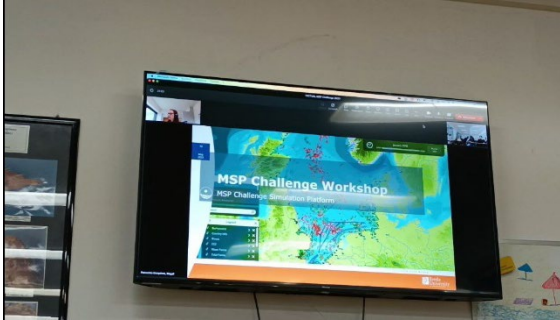



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3	MSP Challenge	<ul style="list-style-type: none">• Try the MSP Challenge program developed by Breda University• Divided into teams and each team was given a section to plan and manage• Able to identify which area of land is suitable to apply certain function or activity such as wind farm, conservation area, electric generator and etc.• Learn to communicate our ideas and justify our actions.  	<p>Prof. Dr. Mohd Fadzil Akhir Dr Roswati Md Amin Dr Fatin Minhat Dr Tuan Mohd Fauzan Tuan Omar Dr Adiana Ghazali Jemimah Shalom B Peragas Sharifah Nurul Akmal Syed Omar Toh Siaw Hui</p>






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4	Visit Capo Granitola CNR IAS Reaserach Institute & Selinunte Archaeological Park	<ul style="list-style-type: none">• Granitola CNR IAS Researach Institute<ul style="list-style-type: none">○ Learned the history of the institute and their research focus○ Visited the various labs and learned about specific equipment and their functions.<ul style="list-style-type: none">• Selinunte Archaeological Park<ul style="list-style-type: none">○ We visited the park to learn about some historical places in Mazara Del Vallo○ We learned about the ruins and some of the traditional foods in the region.	<p>Prof. Dr. Mohd Fadzil Akhir Dr Roswati Md Amin Dr Fatin Minhat Dr Tuan Mohd Fauzan Tuan Omar Dr Adiana Ghazali Jemimah Shalom B Peragas Sharifah Nurul Akmal Syed Omar Toh Siaw Hui</p>
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5	Student Presentation	<ul style="list-style-type: none">Short presentation by all the students of the training schoolShared our interests and the projects that we have been working on. <div></div> <div></div> <div></div>	Jemimah Shalom B Peragas Sharifah Nurul Akmal Syed Omar Toh Siaw Hui
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6	<p>Lecture + Presentation</p> <p>(International Agreement)</p>	<ul style="list-style-type: none">• Lecture on the international agreement on the conservation and sustainable use of marine biodiversity in areas beyond national jurisdiction by Ms Ludovica Debenedetti and Ms Marianna Marzano• Learned the policies and laws of the sea and how international agreements are sensitive and important to protect and manage the marine environment.• Split into teams and we were each given a region and some actions to take on the high sea region.<ul style="list-style-type: none">○ Defend our statements and find compromises to agree with other groups about how each country would roam and use the resources found in the high seas. <div></div> <div></div> <div></div>
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7	Lecture + Presentation (ICZM) & Gambero Rosso Visit	<p>Lecture & Presentation</p> <ul style="list-style-type: none"> • Lecture on measuring the ICZM (Integrated coastal zone management) plan performance. • Learned roles of sustainability, growth, production, and resilience and how it is dependent on each other. • Carried out a presentation discussing the four major points and how they interrelate with the economy in Mazara Del Vallo.  <p>Gambero Rosso Visit</p> <ul style="list-style-type: none"> • Visited Rosso Di Mazara factory, we learned about the red prawn (Gambero Rosso) and how it is fished & the sustainable efforts by the company.  
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8	Lecture + Presentation (Impacts of Underwater Noise to Marine Animals)	<ul style="list-style-type: none"> • Lecture about the impacts of underwater noise on the behaviour of marine animals by Dr Francesco Filiciotto • Studied the different kinds of sounds that are moving underwater • Noting the increase in noise pollution from the growth of human activities in the coastal regions. • Studied the effects of noise pollution on the environment and animals and if noise pollution is a big enough problem to consider before carrying out specific human activities. • Carried out problem-solving exercises to determine our skills in marine management from the perspective of noise pollution. 
9	Lecture + Presentation (Hydrodynamic s and coastal sediment transportation)	<ul style="list-style-type: none"> • Lecture on hydrodynamics and coastal sediment transportation by Dr Pietro Scandura • Learned about the technical and theoretical formulas to calculate and movement of sediments. • Learned about the many factors that affect sediment distribution. • Learned about the effectiveness of coastal structures. <ul style="list-style-type: none"> ○ If coastal structures prevent or reduce the effects of erosion on the beach 
10	Lecture + Presentation (Land Use conflicts)	<ul style="list-style-type: none"> • Lecture on land use conflicts. • Used internet geographical information systems to study activities happening in a region to determine existing conflicts.

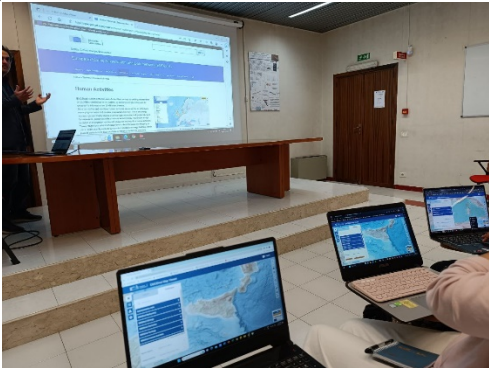



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		<ul style="list-style-type: none">• Learn to make strategic decisions and realize some development efforts are more important than others.• Learn to determine potential conflicts in marine spatial planning and learn to prioritize what conflicts require immediate reaction and what doesn't make the process more efficient. 
11	Field trip to visit the Mayor of Mazara Del Vallo	<ul style="list-style-type: none">• We had a meeting with the Mayor of Mazara Del Vallo, Salvatore Quinci• Learned more about the political efforts by the mayor to bring the community together to build more sustainable efforts in Mazara Del Vallo.• The mayor shared plans to provide incentives and benefits for participating members of the targeted communities to improve overall sustainability. 

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