System Mitigation of oxidation residues from fish meal factories: reduce waste in seabed

Abderrahim Bourraguat - Morocco
stempunderwwater@outlook.com

Commitment:

- The system of reducing the residues of fish flour factories by working on the treatment of these wastes in the sea. The system works by placing a pipe for the disposal of waste after treatment.

Impact:

- Establishment of a small station in the factory for treatment, consisting of three tanks for the mitigation of solid, light and liquid waste.

European Schools Love Our Ocean

Aleksandr Stommels - Netherlands
aliksandro@Hotmail.com

Commitment:

- To create a better educational platform from which to create awareness and understanding about the importance of our ocean.

Impact:

- The creation of this platform will ensure better awareness among educational generations and provide a more progressive mindset in the students of today to improve the health of our oceans tomorrow.

WASTE COLLECTION, A CLEAN OCEAN BENEFITS US ALL.

Andrea Martínez - Spain
andrea_amc27@hotmail.com

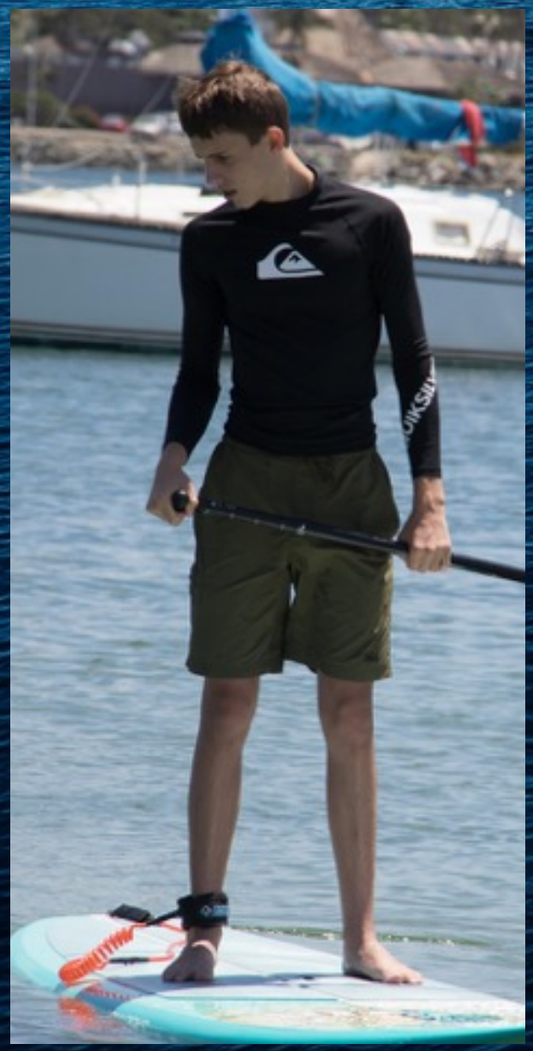
Commitment:

- My project consists of collecting waste both on the beach and in the sea, counting the amount per square meter and establishing contamination values.

Impact:

- My intention is to reduce the amount of waste to improve life in the marine ecosystem, and raise awareness of the problems of pollution, not only for the death of living beings, but also for the loss of large landscapes of common interest . Show that the aquatic world brings great benefits to people.

Reef Life Restoration Coral and Fish Habitats



Andy Kuhlken – USA
reefliferestoration@gmail.com

Commitment:

- Continued design, testing, modifications for site and species ocean growth habitats as committed in United Nations Ocean Conference:

#OceanAction15440

Impact:

- Prevention of Boat Anchors & Chains Dragging Through Reefs
- Reef & Fish Growth Habitats Surrounding Boat Mooring Stations keep anchors off reef & seagrass. Boats anchored correctly, bring revenue to islands and coastal communities
- A complete Win/Win for Ocean Biodiversity & Divers!

Layman's Guide to the Blue Economy

ANGELIQUE POUPONNEAU - SEYCHELLE
SYAH-SEZ@OUTLOOK.COM

Commitment:

- The Blue Economy will bring countless opportunities but most people do not have an understanding of what it is and the opportunities that would be available in terms of jobs and enterprise. So this layman's guide provides the answer in simple language with the use of photography.

Impact:

- Create a publication available both in hard copy and an e-copy to ensure maximum reach. The aim is to reach 50,000 in readership. The host website will include a place for testimonials to share ideas after reading of the book.

Transitional Ecology and Citizen Science: Coral Reefs

Anna Cassandra Bakker - USA
annaabakker@gmail.com

Commitment:

- To engage the diving and snorkeling community with transplanting of nursery-reared corals
- To foster long-term interest in coral community health by allowing participants to regularly check in on their transplanted corals via internet.

Impact:

- The creation of this citizen science project will aid efforts in coral restoration while educating the public about complicated topics. It will give people the ability to not only have an impact on marine ecosystems, but also give them the scientific background to help save our oceans.

European Schools Love Our Ocean

Annelijn Rüsing – Netherlands
annelijnrusing@Hotmail.com

Commitment:

- To create a better educational platform from which to create awareness and understanding about the importance of our ocean.

Impact:

- The creation of this platform will ensure better awareness among educational generations and provide a more progressive mindset in the students of today to improve the health of our oceans tomorrow.

THE RIVERINE INPUT PROJECT: Monitoring litter inputs from rivers to the marine environment

Antoine Bruge - France
abruge@surfrider.eu

Commitment:

- The Riverine Input Project contributes to our knowledge of aquatic litter sources and pathways
- We sample several river catchments and beaches on a monthly basis to understand where the litter comes from

Impact:

- Long-term monitoring measures societal and behavioral changes to assess current and future legislative and regulatory measures effectiveness.
- Improvement of waste management practices helps local and national stakeholders make the right decision to move towards a plastic-free ocean.

A Baseline Survey of Coral Reefs and Genetic Diversity Analysis of Coral Species in Jaffna Peninsula, Sri Lanka

Ashani Arulananthan - Sri Lanka
ashaarul1904@gmail.com

Commitment:

- To identify and map the distribution pattern of coral reefs, recognize the percentage of benthic cover types, and identify coral species by morphological and molecular taxonomic methods along the northern coast line and around the islands of Jaffna Peninsula, Sri Lanka

Impact:

- Distribution of coral reefs and genetic diversity of corals in Jaffna Peninsula will provide the adequate ecological and molecular facts which can be used for the protection, monitoring, conservation, and restoration of corals

Dive Against Debris and Ocean Awareness Events

Audrey Girard – Switzerland
audrey.girard.0506@gmail.com

Commitment:

- To organize Dive Against Debris dives to educate and sensitize people on the Ocean's current situation.

Project/Commitment Impact:

- Dive Against Debris dives will help clean the ocean but cleaning it on a large scale is not possible. We need events exposing the Ocean's situation, explaining the impacts of plastic opllution and our daily actions, allowing people to know, to care, and to act accordingly.

BLUEYE ROBOTICS

Christine - Norway
christine.spiten@blueye.no

Commitment:

- Blueye dedicates our efforts into democratization and access to the oceans through the eye of underwater drones. We combine software and advanced sensor technology to collect invaluable ocean data to a shared data platform.

Impact:

- With the mission to empower people with the opportunity to explore, learn about and understand the ocean, Blueye will increase the global ocean awareness and concern.
- The Blueye Pioneer underwater drone will be a tool to ease the work and efforts of ocean scientists and change-makers worldwide.

A Plastic Adventure – Cycling the World's Coastlines Tackling Ocean Plastics

Christopher Woodfield - UK
chriswoodfield@hotmail.com

Commitment:

- Cycling around the world's coastlines from Spain to Hawaii engaging with coastal communities carrying out beach clean ups, academic research, citizen science and delivering educational workshops / talks.

Impact:

- Raise awareness of ocean plastic pollution crisis and tackle this head on in a pro-active, creative and thought-provoking way.
- Inspire local citizens and cultures to work together in a community-driven and opportunity-focused way centred on an action-orientated love to protect, conserve and enhance our beautiful blue planet.

Promoting Ocean Literacy and the Blue Economy in Malta

Cosmin Chivu – Romania
cosmin.icj@gmail.com

Commitment:

- Special efforts will be made to sustain an ocean-literate society in Malta through codes of good practice, a toolbox for outreach, public campaigns and other ongoing community activities.

Impact:

- The main aim of this project is to help remove the distance between citizens and ocean issues
- Ocean literate citizens will take decisions and push for policies that lead to a healthier planet.

Peruvian Tropical Pacific, a Hope spot that's soon to be protected.

Daniel Cáceres Bartra - Peru
gdanielcaceresb@gmail.com

Commitment:

The Peruvian tropical Pacific has around 70% of the Peruvian marine biodiversity , and not a single marine protected area. Multidisciplinary leaders working together to strategically promote the creation of the protected area from making events, education, investigation, and pushing for a political conservation agenda.

Impact:

The creation of this Marine Protected/Reserved area (still on debate) will safeguard the animal that use it for many ecological reasons, and will safeguard the artisanal fishing communities and the direct populations that depend on those fish as a food source

Reduction in Marine Pollution and Awareness Campaigns

Daniele Zingariello – Malta
daniele.zingariello.16@um.edu.mt

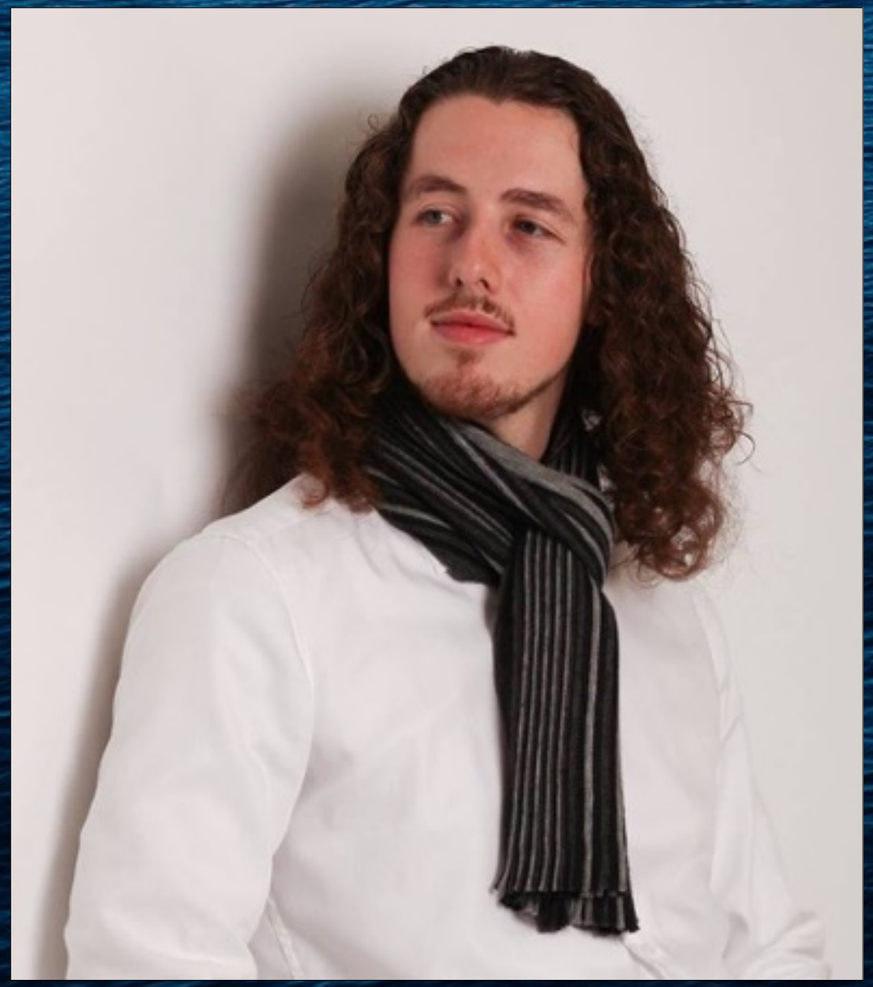
Commitment:

- Organising projects that raise awareness among peers on the effects of disposing plastic waste in our oceans. Organising events in Malta to help reduce waste.

Impact:

- This project will help increase knowledge on the negative impacts of marine pollution. It will also help lead to a sustainable future with a significant reduction in waste being disposed in the oceans, resulting in a cleaner environment for us to enjoy.

European Schools Love Our Ocean



Dennis Dorpmans – Netherlands
dennis.Dorpmans@outlook.com

Commitment:

- To create a better educational platform from which to create awareness and understanding about the importance of our ocean.

Impact:

- The creation of this platform will ensure better awareness among educational generations and provide a more progressive mindset in the students of today to improve the health of our oceans tomorrow.

Starting an Heirs To Our Oceans Chapter at Xavier High School

Dilluna Rivera – Palaua
delbochel.rivera@gmail.com

Commitment:

- The Heirs To Our Oceans Chapter at Xavier High School plans to give presentations, show movies, have multiple community clean ups, and recruit more students to join us in our fight for our Ocean. We will start a new Chapter

Impact:

- Students will be aware of what is happening to our ocean. They will be informed and would hopefully want to learn more about it. This might contribute to their future careers and college major choices. We also believe it will move them to start an Ocean friendly lifestyle and join our Chapter.

IDREEM-Sustainability of European Aquaculture

Drilona Shtjefni – Italy
Drilona.Shtjefni@eubia.org

Commitment:

- Protect sustainability of European aquaculture by developing an Integrated Multi-Trophic Aquaculture technology (IMTA), where different species are grown together in a way that the invertebrates (e.g. bivalves) and/or plants (seaweeds) can recycle the nutrients that are lost from the culture of the other species.

Impact:

- Improvement and increase of the production of finfish, shellfish and other aquatic species, including algae, in both freshwater and marine conditions.
- Moving towards a circular economy: transform waste from a primary production process (the effluents from finfish cages) into valuable secondary products such as seaweeds or shellfish.

Indicator System to Support Coastal and Marine Management

Donalda Karnauskaitė - Lithuania
donalda.karnauskaite@io-warnemuende.de

Commitment:

- To support implementation of SDGs, especially 'Goal14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development' - within further development on an indicator set which could be used to assess the state and track the progress of sustainability.

Impact:

- Sustainability and process indicators help to evaluate the effects of specific management actions over the time. Indicators are key to improve implementation and monitoring of ICZM/MSP and to help raise awareness about sustainable development.

Turtle Monitoring in The Republic of Palau

Elchung G. Hideyos - Palau

ghideyos@yahoo.com

Commitment:

- I would like to improve the ways of turtle nesting monitoring for the Hawksbill Sea Turtle and the Green Sea Turtle on Ngerkeklau Island and Ngerchur Island in Ngarchelong, Palau - both on ICUN's red list of endangered. Monitored turtle nesting activity.

Impact:

- Be able to see how many turtles are nesting. Be able to work with rangers, conservationists, and political leaders on protecting these creatures and expanding the monitoring project.
- Bring awareness to the Palauan people around reducing single-use plastics

MarInfo: the use of unmanned maritime vehicles (UMV) to protect our oceans

Eliana Silva Pereira - Portugal
elianasilvapereira@gmail.com

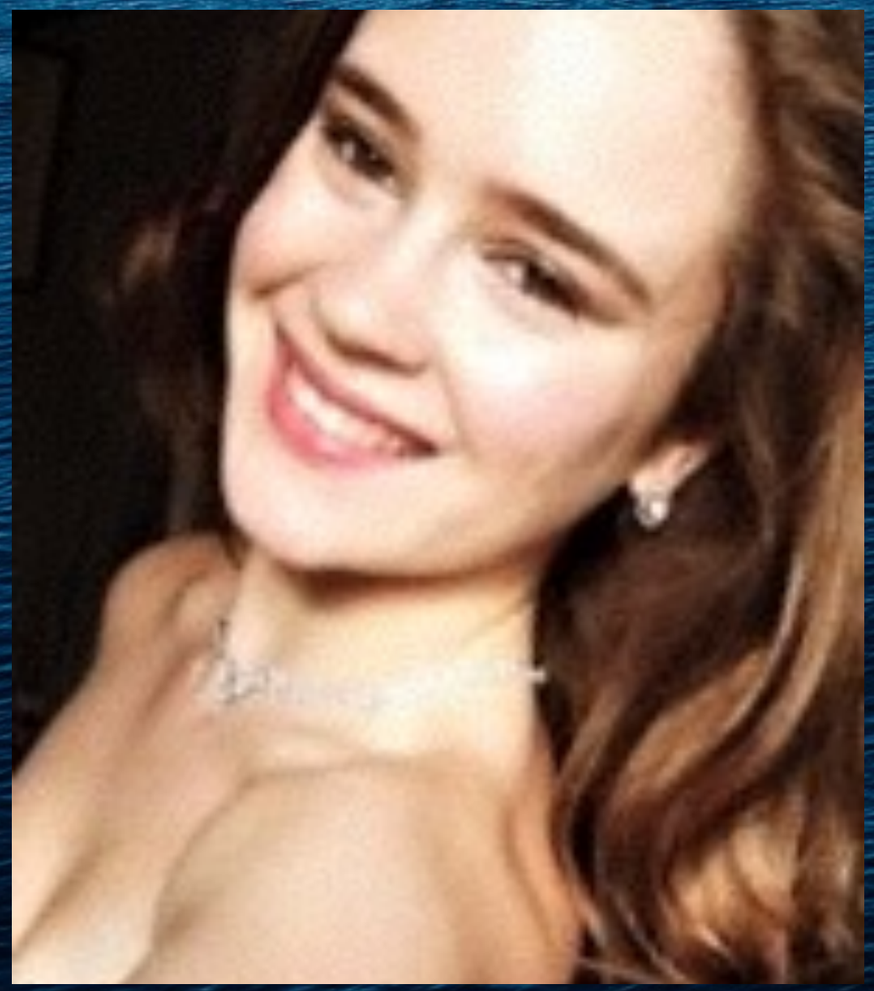
Commitment:

- Identification of the legal and the regulatory gaps, barriers, and challenges to the deployment and use of UMV in the marine environment for surveillance, inspection, compliance and enforcement activities in MPA and to combat IUU fishing.

Impact:

- Support the development of a comprehensive legal regime for the use of UMV to protect the marine environment and to promote sustainable fisheries.

What makes effective Marine Governance?



Erin Field - UK

erinvictoriafield@gmail.com

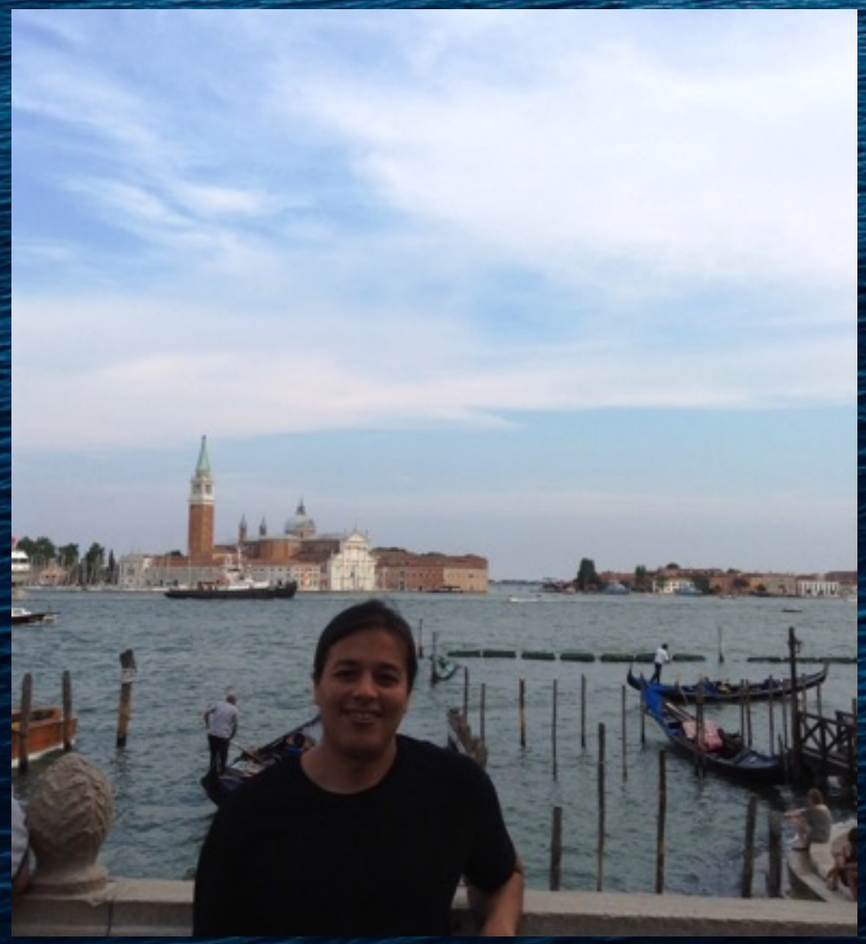
Commitment:

- Currently Ocean Governance protects less than 1% of the world's oceans. I aim to change this through researching the key components that constitute to provide effective Marine Governance in order to ensure Ocean Conservation.

Impact:

- The research that I will undertake will have a great impact in deciding the most effective strategy to ensure effective Global Governance of the oceans. This will help us to manage and use our seas while ensuring sustainability, conservation and preservation thus, meeting the needs of the current generations and the future generations to come.

The importance of the river ecosystem and their link to Oceans – The Danube Basin River Hungary.



Fidel Rodriguez – Ecuador
fidelbiologia@hotmail.com

Commitment:

- A program of environmental education focus in rise awareness about the importance of the water ecosystem in the student community from our University.

Impact:

- This environmental education program should have a impact inside of the student community from our University ,and also will be addressing issues produce by the anthropogenic food print , and how to mitigated this impacts, and solve this problems given the opportunity to the students to applied their knowledge, and creating innovative solutions. In this way will be contributing to the conservation of the river ecosystem which flows to the oceans.

Protecting the High Seas

Glen Wright – United Kingdom
glen.wright@iddri.org

Commitment:

- Supporting the process to negotiate a new agreement for the conservation and sustainable use of marine biodiversity in areas beyond national jurisdiction. These areas cover more than half of our planet and provide critical ecosystem services, yet they remain largely unregulated and unprotected.

Impact:

- A strong new international agreement on the high seas will allow for the creation of marine protected areas and the conduct of comprehensive environmental impact assessments of human activities. This can ultimately support a strong and sustainable future for the high seas.

Reef Life Nano Materials Oceanic Infrastructure

Guyon K Brenna – USA
reefliferestoration@gmail.com

Commitment:

#OceanAction15440

https://oceanconference.un.org/commitments/?id=15440
http://www.reefliferestoration.com/ocean-farming-hi-rise

- Acreage reef installations using parametric modeling for deployments using kinematic wave action unit designs.

Impact:

- Reef/ Ocean Farming Habitats attach to existing underwater structures, or floating kelp and seaweed farming stations, bringing more life, revenue, and opportunity to oceanic communities. Substrates and surfaces can be easily modified for site, species, temperatures, etc. the advanced capabilities for biodiverse farming are endless

Sky Ocean Rescue Campaign; communicating the challenges facing our oceans and the fight to save them

Helen-Ann Smith - UK
helen-ann.smith@sky.uk

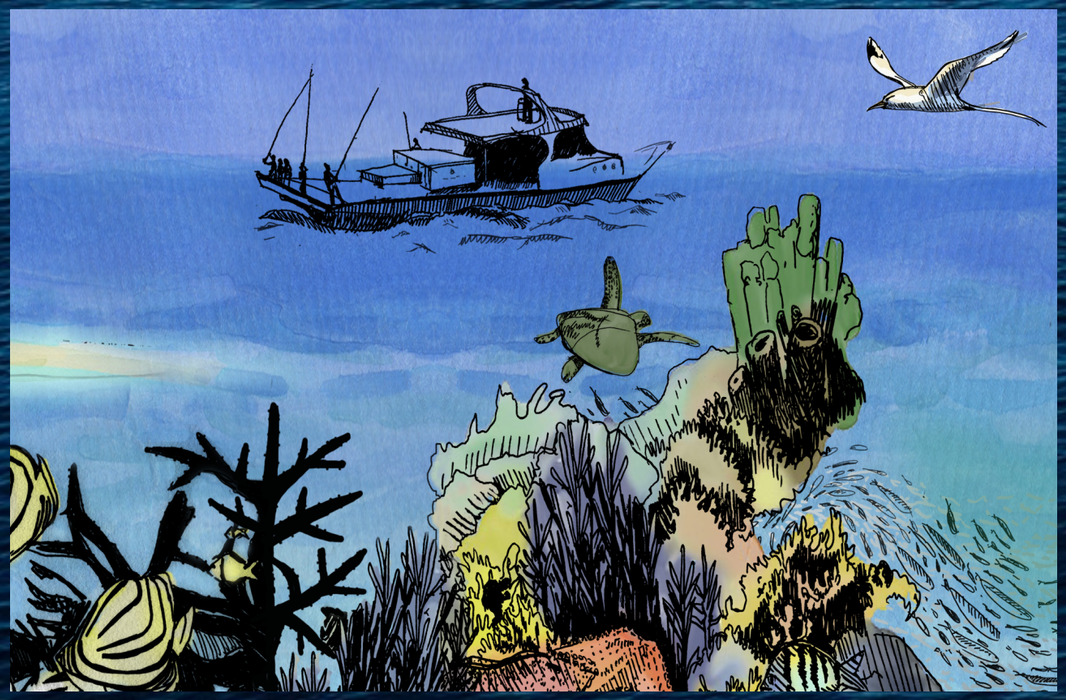
Commitment:

- To fight for the health of the world's oceans, particularly focusing on the horrendous amount of plastic pollution entering our seas. Use compelling journalism and inspiring content to educate and change the behaviour of a million people with regards to single-use plastic.

Impact:

- By communicating the challenges facing our oceans, the science that is pushing to learn more and the brilliant work being done to protect marine life we want to inspire the public to care about the oceans and make changes in their own lives. Our content should also serve to exert pressure on politicians and businesses to do more.

OCEAN ART HUB
Empowering Science with Visual Storytelling



Helena Eitel - USA
Helena.S.Eitel@gmail.com

Commitment:

- Ocean Art Hub is a budding online social enterprise. It is a place where artists, scientists, and policy-makers can connect to empower science and conservation solutions with visual storytelling.

Impact:

- Ocean Art Hub can help you harness the power of visual art to tell your story and create change for our oceans.

Building capacity for marine spatial planning (MSP) through the EU MSP Platform

IVANA LUKIC - Serbia
IL@SUSTAINABLE-PROJECTS.EU

Commitment:

- Committed to building capacity for marine spatial planning (MSP) through the EU MSP Platform.
- To createa handbook on *"how to develop a joint vision for a maritime space"*

Impact:

- Handbook and other activities under the MSP Platform will assist EU Member States in developing maritime spatial plans for new sustainable uses of sea space.
- This will provide necessary space for nature protection and unlock sustainable Blue Growth potential.

Leading the Wave: The Establishment of a Marine Photo/Art Gallery to Raise Awareness of Marine Debris

Jaime D. Sigarán – USA
jsigaran@oceanfdn.org

Commitment:

- One powerful photo can tell a story and inspire a generation to challenge the way we look at the world. Let's lead the wave in ocean conservation and build a home for those marine images we know and love for the future of our blue planet.

Impact:

- A marine photo art gallery would amplify the impact of marine debris in our oceans in creative ways such as using plastic bottles and toothbrushes to sculpt a seal or a seagull. By working with leading art institutions, the gallery aims to link art with education and awareness to reduce our consumption of single-use plastics.

Help with providing fresher perspectives on the marine environment and help improve education related to it.

Jasmine Mifsud - Malta
jasmine.mifsud.16@um.edu.mt

Commitment:

- To organise projects for kids to learn about and be aware of the environment they will live in, to reduce waste and pollution in the future.

Impact:

- Today's children are the next generation, and they need to induce in their daily habits to take care of their surroundings. Avoiding the habit of polluting will create a cleaner environment for them and others to enjoy.

Stable Seas Maritime Security Index

John R Hoopes IV - USA
jhoopes@oneearthfuture.org

Commitment:

- Stable Seas is an interactive report that analyzes maritime security issues in sub-Saharan Africa. It uses qualitative and quantitative methods to elucidate the research team's findings: that maritime security issues must be addressed holistically if resilient solutions to problems are to be found.

Impact:

- Making this holistic analysis available to policymakers, academics and business leaders will enable them to make more informed decisions and promote better solutions to problems related to maritime security.

Conservation of Sea Turtles in the South China Sea

José Wenceslau – Brazil
josefranciscocw@gmail.com

Commitment:

- Engagement on the conservation of sea turtles through international collaboration for the preservation of foraging and reproducing grounds; identification of migratory routes; and multilateral agreements on conservation policies.

Impact:

- Safeguard effective conservation of sea turtles in all their habitats and life stages, prompting population growth and stability for the stocks of South China Sea and surrounding basins.

EUROPEAN MARINE INFORMATION: Preventing vibriosis infections of fishes in aquaculture thanks to satellite remote sensing

Jules Danto – France
jules.danto@agrocampus-ouest.fr

Commitment:

- To develop a marine science network to gather students and researchers interested in bringing innovative solutions for sustainable resource development.
- To provide a tool for cooperation and employment of youth in the marine field.

Impact:

- By preventing *vibriosis* infections of fishes in aquaculture thanks to satellite remote sensing, European Marine Information aims at reducing water treatments via antibiotics.

Encouraging youth in STEM for Seychelles' Blue Growth

Kalsey Belle - Seychelles
kalseybelle@gmail.com

Commitment:

- Creation of a platform for individuals to learn, share, promote and exchange Science, Technology, Engineering and Mathematics information with a focus on the Blue Growth sector.

Impact:

- The Blue Economy Internship programme we organize for the youth will create momentum that inspires youth into Blue Economy STEM fields. Increasing the number of people pursing STEM will lead to an increase in innovative ideas and solution for the sustainable development and conservation of our oceans.

Plastic Pollution Awareness Through Watersports

Leonie Meier - Germany
l.l.meier@lse.ac.uk

Commitment:

- To create a network of watersports organisations oriented towards offering awareness raising programs to young people (eg. by organising beach clean ups and encouraging the collection of data through 'citizen science'

Impact:

- Raise awareness of ocean pollution amongst the next generation of change-makers, creating a sense of responsibility and urgency, whilst contributing to the collection of important scientific data.

Seabed cleaning: how to clean the ocean while saving small communities

Lorenzo Vassallo – Italy
vassallolorenzo1997@gmail.com

Commitment:

- Cooperating with fishermen that wile going fishing recollects in their nets anthropic material. This material will be recycled thanks to a convention with the municipality. The aim is to protect the ocean while defending small economies.

Impact:

- An average of 50 kg of litters removed each day per fishing boat. More than 200 kg removed per day thanks to this project.
- 40.000 kg a year of materials that would be in the seabed without this project.

Health management, systems and biomonitoring protocols of cetaceans and sea turtles stranded on the Adriatic coast (Italy)

Ludovica Di Renzo – Italy

ludovicadirenzo@yahoo.it

Commitment:

- Monitoring of cetaceans and sea turtles off the Adriatic Coast via standardize routine examination
- Performing post-mortem examinations on stranded sea turtles and cetaceans for parasitic infection as well as for contaminants and microplastics

Impact:

- The formulation of health monitoring protocols to provide a clinical and diagnostic contribution to existing wild monitoring plans that currently do not include marine species, especially with the aim of extending this to national and European base.

THICKNESS AND FRAGILITY WILL PROVIDE VALUABLE INFORMATION FOR THE FUTURE MANAGEMENT OF MUSSEL FARMING

Marco Martinez - Italy
marco.martinez@unipa.it

Commitment:

- Increasing seawater temperature due to climate change will affect fitness of aquatic organisms. By adopting a large scale study, here we show how shell morphological features of a commercially-important bivalve, can change with temperature along a latitudinal gradients.

Impact:

- This study will give the chance to infer on the role of changing site-specific temperature on the shell's breakage during transportation from farms to the wholesale and retail customer and this information can be useful in predictions on how to manage the effect of environmental change on farmer production costs.

H_2Oceans: Human Health and Oceans - synergies towards a healthier interaction

Mariana Mata Lara - Mexico

mar.marianaml@gmail.com
mariana.mata.lara@geonardo.com

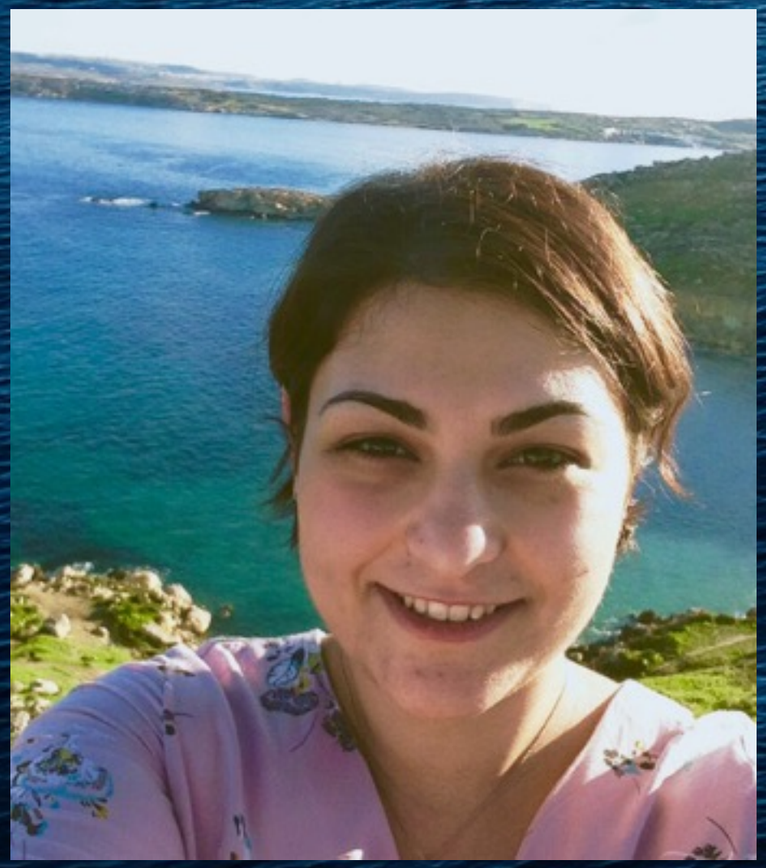
Commitment:

- To increase the understanding between people and oceans, focusing on marine, coastal and human health and well-being.
- To enhance inter-institutional and continental cooperation and improve resource management among Experts in the ocean and health fields

Impact:

- This will provide a strategic research agenda and a set of policy recommendations for creating a more positive and beneficial interaction between humans and oceans. It will also support young researchers, policy makers, and NGO staff worldwide within the Blue Growth field.

Rationalizing Malta's marine space: Application of MSP methodologies to deliver the first comprehensive plan for Malta's territorial waters



Marija Pia Gatt – Malta

marija.gatt.12@um.edu.mt

Commitment:

- To identify the current environmental and socio-economic conflicts and incorporate divergent management and zoning measures to reduce operational conflicts and improve current conservation status of managed marine habitats.

Impact:

- The development of a comprehensive marine spatial plan for the territorial waters of the Maltese Islands to ensure sustainable use of marine resources whilst guaranteeing clean and productive marine waters, safeguarding important marine habitats and species.

ECOTOURISM IN THE DELTA OF MEKONG

Marika Giudici - Italy
marika.giudici@gmail.com

Commitment:

- In an ecosystem threatened by climate change such as the delta of Mekong, farming is no longer an option due to the salinization of water. Local people must find another source of income.

Impact:

- The introduction of a new business positively changed the local livelihood and economy, helping local people to earn money and protect their environment, in order to face the consequences of climate change in a sustainable way

Educating the Public on Ocean Biodiversity

Mark Haver – USA
markhaver98@gmail.com

Commitment:

- To promote awareness about environmental issues impacting the ocean's biodiversity
- To use social media campaigns and lobbying to get the public to recognize individual organismal value.

Project/Commitment Impact:

- By getting people to care about animals such as the *vaquita,* the public will invest more interest in oceanic issues, creating a positive feedback loop.
- The goal of this project is reduce the number of organisms with the status of critically endangered.

A PLASTIC SEA CAMPAIGN

Martina Brancato – Italy
education@aquarium.com.mt

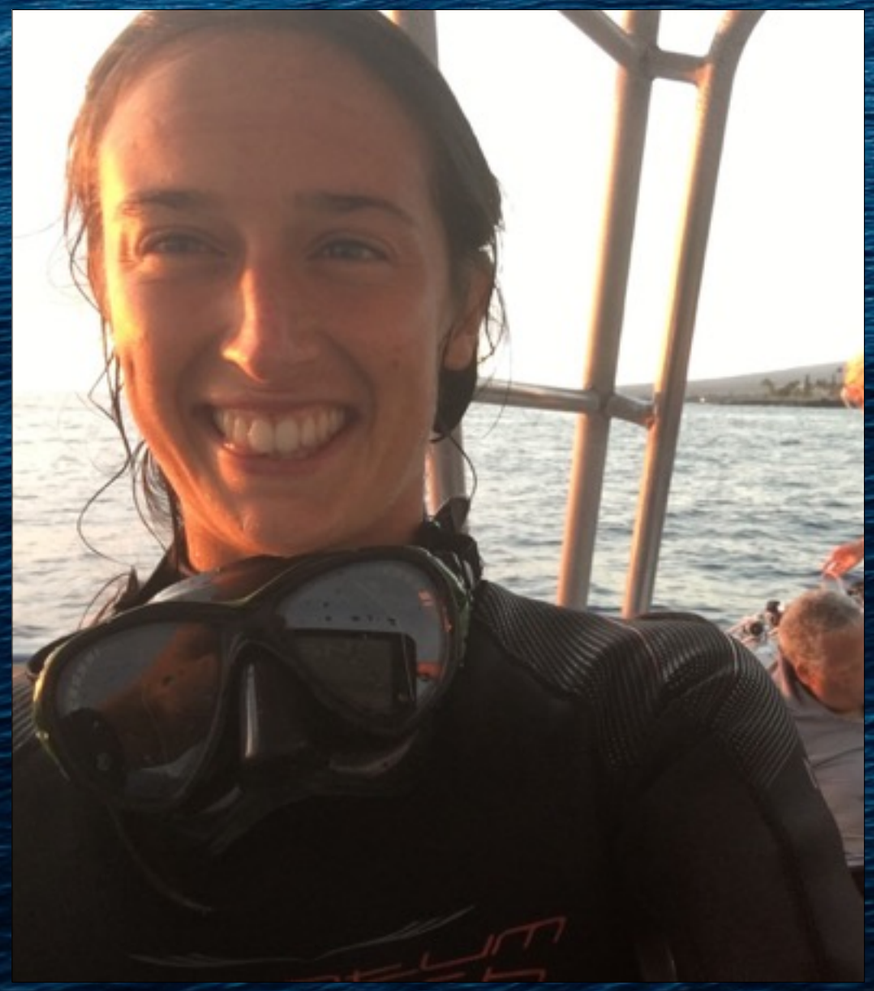
Commitment:

- To create activities, competitions, workshops, and exhibitions regarding plastic waste, for the hundreds of students that come every year to visit the Aquarium
- To organize citizen clean ups and ocean-related events through collaborations with local and international NGOs to help spread our voice!

Impact:

- The aim of this campaign is to raise awareness among citizens about the issues affecting the ocean. Informing and focusing on the youngest citizens gives us a chance to preserve our future and the future of our seas.

The Arctic: a new continent for the law



Martina Mazzucato - Italy
martina.mazzucato@live.it

Commitment:

- Collection and examination of the legal framework applicable to the protection of the environment and of the Arctic marine resources

Impact:

- The creation of a common and mandatory legislative framework which is specific for the Polar Waters is an important first step in the protection of the Arctic marine environment. Nowadays, Arctic sea ice appears to have reached its lowest extent

Crowdsourcing Ocean Health Monitoring

Matthew Merihigi – USA
mmerighi@bluewatermetrics.com

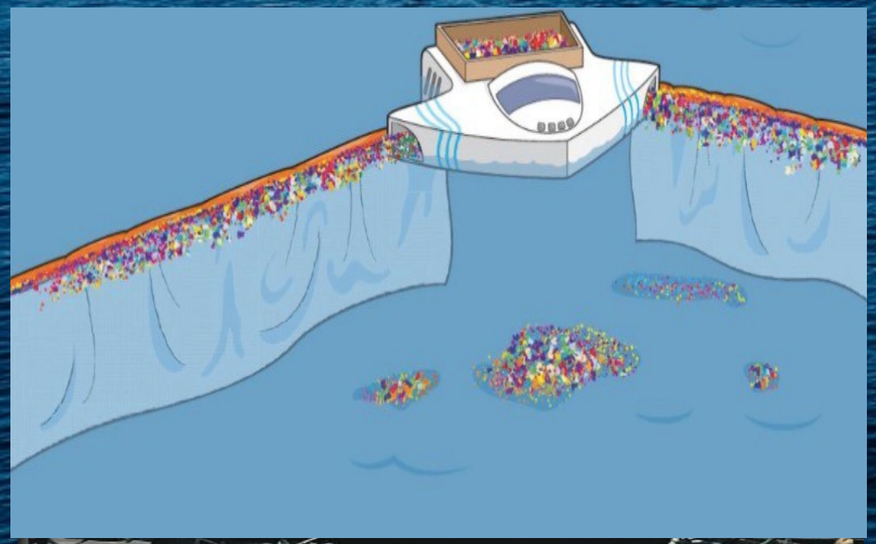
Commitment:

- To create a citizen science research fleet to monitor ocean health and provide data to the oceanography community by deploying ocean monitoring sensors onto commercial vessels and hosting the data on a cloud database.

Impact:

- Cost-effective solution to fill in the gaps of publicly-funded ocean monitoring systems. Provides better data for ocean acidification research, fisheries analysis, weather forecasting, and clean technology analytics. Inclusion of maritime industries in environmental stewardship programs.

Creation of filter systems in rivers to diminish the pollution in the Oceans themselves



Maxime Sauvaire - France
sauvairemaxime@gmail.com

Commitment:

- Filter and net systems that would be placed in strategic locations in rivers where the city pollution is high, to intercept trashes or chemicals before they arrive in the Oceans and pollute them

Impact:

- Pollution of most cities are directly connected to oceans through rivers. By intercepting trashes and chemicals before they reach the sea, these systems could reduce ocean's pollution.

Storytelling through Brushstrokes: Using illustrations to create awareness on the wonders of and threats to oceans

Meenakshi Poti - Indian
meenakshipoti@gmail.com

Commitment:

- Each illustration will have a narrative written in first person of my experiences in the islands of Lakshadweep in India and Redang in Malaysia. The illustrations will be made into postcards and will be sold on an online platform.

Impact:

- The illustrations will attract viewers to read the story to help them appreciate and connect with the ocean. The funds raised from the postcards and other merchandise will be donated to NGOs working with the local communities in the two islands.

Implement the Plastic-Free Palau Initiative: Help start more Heirs to Our Oceans chapters in Palau through different schools

Miel Sequeira-Holm – Palau
msequeiraholm@gmail.com

Commitment:

- Implement the Plastic-Free Palau initiative. Help start more Heirs to Our Oceans chapters in schools all over Palau to empower youth to become leaders and to stand up for their ocean

Impact:

- Starting these chapters will help get the word out about what we can do to save the ocean and decrease our plastic consumption. Doing presentations, beach cleanups, and meeting with governmental, traditional, and business leaders will help inspire behavioral and policy change

Game of Linneo.
A walk along the beach to care the ocean

Monica Previati - Italy
mopreviati@gmail.com

Commitment:

- A school project for teachers, students and their parents to teach the interesting environment of beaches by walking, collecting data and recognizing animals exactly as Linneo used to do 200 years ago!

Impact:

- The best way we have to teach the protection of the ocean is to explain why, by implementing the knowledge of people. This project helps to understand the sea, starting from the knowledge of the beach environment. Anything that lives in the sea normally arrives to the beach.

HOLY JELLY: a global marine plastics recycling initiative

Olga Mironenko – Russia
mironenko.om@gmail.com

Commitment:

- Marine plastics recycling startup that will design and manufacture sustainable construction materials out of marine plastics in litter-affected coastal and island locations all over the world.

Impact:

- This will reduce the concentration of plastics in the biodiverse marine ecosystems near the coasts, improve living conditions of local communities by providing them with a cleaner environment and extra income, and draw consumer attention to the issue of marine plastic pollution.

Global OneLessStraw Pledge Campaign

Olivia Ries – USA
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Commitment:

- Our global OneLessStraw Pledge Campaign has three components: the first is the “Individual” component which asks people to pledge to go strawless for 30-days.
- The second asks “Schools” to share our campaign with their students and allow the students to be the ‘teacher’ in their homes.
- The third asks “Restaurants” to “Only Serve Straws Upon Request” for 30-days.

Impact:

- So far over 3,000 people in over 45 countries have taken the pledge and over 400 restaurants and organizations have partnered with us

Creation of filter systems in the rivers to diminish the pollution in the Oceans themselves

Ophélie Mcintosh – France

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Commitment:

- To create filter/net systems that would be placed where the city pollution is high, to intercept the trash or chemicals before they arrive in the Oceans and pollute them.

Impact:

- The rivers are the main source of water pollution due to their proximity to urban cities. The installation of filtration systems would allow reduced leakage to the Oceans by taking the problem to the source.

Characterization morphological and genetic of two caught species of skate (fish) in the North of Perú

Pámela Molina - Peru
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Commitment:

- Recompile data and sample collection about different species of skates (fish) and ray that are caught as bycatch in northern Perú
- Currently differentiating morphologically and genetically two kinds of skates constantly caught as a requirement to be able to do reproductive future studies

Impact:

- The project serves to fill information gaps about the two kinds of skate to establish minimum size of capture, supporting the conservation of those species and maintaining the high diversity of the marine ecosystem

Marine plastic pollution as a planetary boundary threat – the drifting piece in the sustainability puzzle

Patricia Villarrubia-Gómez - Spain
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Commitment:

- Exploring whether marine plastic pollution could be a planetary boundary threat by reviewing and evaluating existing knowledge on processes impacted by the presence of plastic; as well as the key links between the effects of plastic pollution in marine ecosystems and the 'core boundaries', biosphere integrity and climate change

Impact:

- Bringing marine plastic pollution into the planetary boundaries framework may provide a common framework for the further development and implementation of emerging policies in a way that adequately consider wider systemic effects.

EUROPEAN MARINE INFORMATION: How to protect humpback whales with remote sensing and acoustic methods

Pierre Calvy – France
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Commitment:

- To develop a marine science network to gather students and researchers interested in innovative solutions for sustainable resource development.
- To provide a new tool for cooperation and employment of youth in the marine field.

Impact:

- With European Marine Information uses reote sensing and an acoustic method to protect whale from human activities. ARGOS system and many other tools like tags are useful for creating models and maps.

The Conservation Tech Project

Sam Kelly - New Zealand
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Commitment:

- To enable students to physically create technical solutions to environmental issues through the creation of a network of student group chapters dedicated to conservation technology

Impact:

- The creation of a large open-source community within conservation technology will allow for new solutions despite a perceived lack of industry opportunities.
- I hope to spread this model within the US and internationally - the more students we can get involved in these issues the better.

Coral Vita – Coral Restoration

Sam Teicher - USA
sam@coralvita.co

Commitment:

- Coral Vita grows corals to restore dying reefs. Using breakthrough methods to boost coral resiliency to climate change while accelerating growth rate sup to 50x, we deliver ecologically-sound and cost-effective solutions for large-scale reef restoration services.

Impact:

- Through Coral Vita's land-based farming model, we can execute large-scale community-based restoration while getting customers who depend on reefs' vital ecosystem services to pay for their preservation. Ultimately, we envision a global network of such farms helping safeguard reefs for future generations.

Migratory Connectivity in the High Seas: creating migration corridors for seabirds in the North Pacific

Sarah Poulin – USA
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Commitment:

- Compilation of seabird tracking data throughout the North Pacific High Seas to establish geospatial "nodes" and "migration corridors" for these species in areas beyond national jurisdiction.

Impact:

- The creation of these corridors will aid in marine spatial planning efforts beyond national jurisdiction and help to spatially display the potential for interactions with anthropogenic actions, such as fisheries or marine pollution, and create further evidence for protection of these open ocean areas.

How to solve the marine litter accumulation on land and into seas and oceans.

SERENA LAGORIO - ITALY
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Commitment:

- Monitoring of seas and oceans from land and on board using drones and binoculars. Observers spot the litter, clean the waters and categorize the items. An online platform is created for countries that join the project, sharing of data collected

Impact:

- Organization of public events regarding fishery (plastic ingestion), marine mammals (entanglement), micro-plastic inside the sediment (which becomes anoxic). Plastic moves along the trophic chain and reaches the humans, therefore we all need to act and save the ecosystem in order to save ourselves

Experiential Conservation Education in Urban Landscapes in India

Suneha Jagannathan - India
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Commitment:

- To start a social enterprise working on a long-term experiential curriculum within environmental education, focusing on local ecosystems involving researchers, fisher folk, local artists and others

Impact:

- My goal is to imbibe environmental consciousness in school children, while at the same time providing opportunities for on-site experience for university students interested in the field of conservation. I plan to initiate a pilot project in Chennai, India and implement the curriculum across cities in India

Influence for ocean adventure, awareness & leadership

Suzanne van der Veeken – Netherlands
Suzanne@theOceanpreneur.com

Commitment:

- Protecting the Ocean through inspiration, information, and empowerment for ocean adventure travel and conservation action. Influencing activities: social media creation, blogs, videos about ocean adventure + threats, ocean adventure travel guide book, community building, and building a green sailing boat

Impact:

- More ocean ambassadors and leaders for positive change. When people love the ocean, they care. When they care, they act. More ocean action results into more ocean leadership.

Making the Difference to Our Ocean

Tia Jordan – UK & South Africa
tiachief@gmail.com

Commitment:

- I ultimately want to make a difference during my lifetime, in the sustainability and understanding of our marine resources.

Impact:

- I believe that through research and management of the marine ecosystem, we are able to make accurate informed management decisions, which in turn will help with the sustainability of our marine resources.

Youth Engagement – Driving Change in the Maritime World

Vanessa DiDomenico - USA
Vanessa@seastrategyconsulting.com

Commitment:

- As an International Maritime Ambassador I am visiting local schools and establishing mentoring programs to promote youth engagement in the maritime industry both at sea and ashore.

As a Fellow for the Institute for Global Maritime Studies I am researching how the Arctic can utilize concepts from other ports in a sensitive climate

Impact:

- Matching students to seafarers and maritime professionals to inspire those to consider a career at sea. Also working with youth to encourage ocean entrepreneurship to drive the maritime industry towards growth.