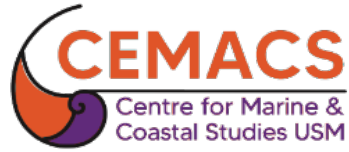
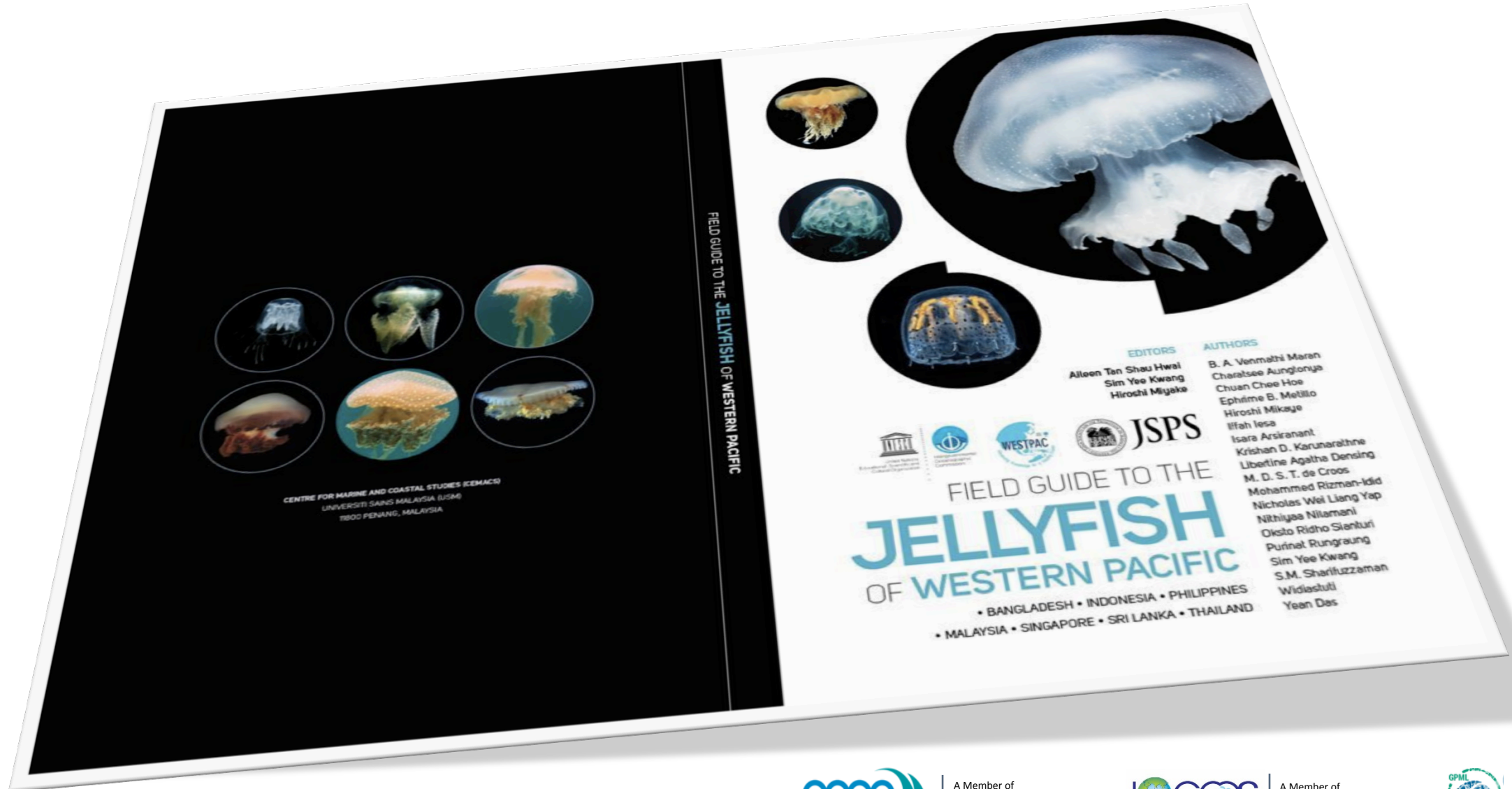




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Challenges & Actions

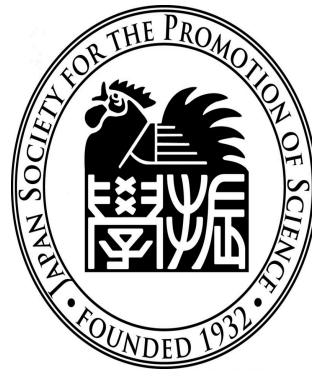
- **Lack of financial support from within country to conduct impactful networking**
 - *Each institution needs to seek their own funding to support the monitoring and sampling study or to conduct workshops*
- **Pandemic Covid-19 : Restrictions in international travel as well as inter-State travel**
 - *Continue local sampling within the State*





Proposed Workplan

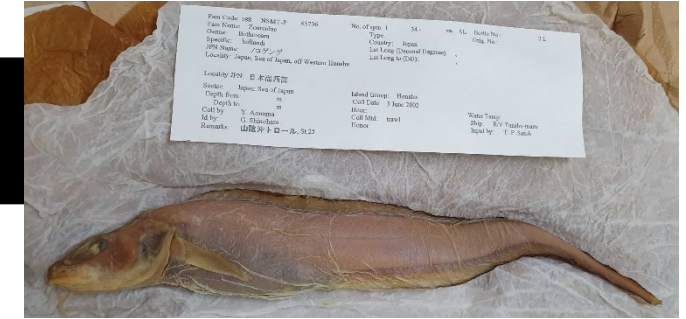
Year 2021 –2022



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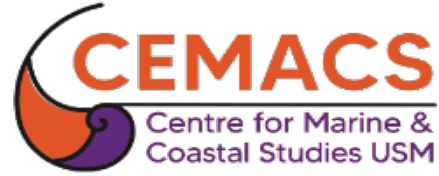
Deep Sea Animal Exhibition

- A collaborative exhibition on the topic of deep sea environment and deep sea animals.
- Location: Tech Dome Penang, Malaysia
- Date: 08/06/2021 ~ 31/12/2021
- Exhibits included collection from National Museum of Nature and Science, Japan and pictures and video footages courtesy of JAMSTEC, Japan.





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国立科学博物館
National Museum of Nature and Science

Marine Invertebrate Diversity of Seagrass (Penang)

- A joint research programme between USM and NMNS, Japan in **identification** and **DNA barcoding** of selected marine invertebrate from the seagrass of Penang.
- Fieldwork and specimen collection will be done by local Malaysian scientists from USM.
- *DNA extraction and sequencing will be done in NMNS, Japan with special training to young scientists from Malaysia*
- Expected outcome of a field guide and scientific publications



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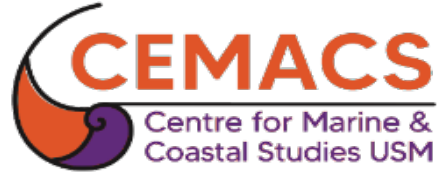
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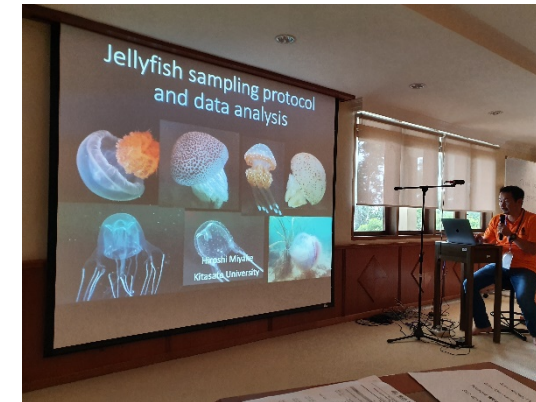
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Online Taxonomy Training on Jellyfishes

- Online training workshop will be conducted by Professor Dr. Hiroshi Miyake of Kitasato University
- Participants will be invited from various countries especially of the Southeast Asia region
- Possible output from this workshop includes a training module and capacity building of over 40~50 scientists that works on jellyfish science.





Thank You

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