

Strengthening the impact of coastal and nearshore demersal fish visual census research

Monday October 14

8:00 AM - 4:00 PM

Meeting Room 2.62

Deadline to register: 10 September

Sign-up link: [Workshop Sign up.](#)



Description

We will focus on best practices and knowledge mobilisation from underwater fish observation research of demersal fishes. This will align with our SCOR working group ([CoNCENSUS](#)) and also the work we are doing with the GOOS BioEco panel on the fish Essential Ocean Variables, indicators and best-practices.

Fish observation methodologies are diverse and widely used to answer marine conservation-based questions. Some of these include in-situ underwater visual census (UVC e.g., SCUBA-based belt transects) methods, baited remote underwater video systems (BRUVS) and other remote imagery techniques. However, to make science matter in our field of research we need to improve the standardisation of data collection, the flow of knowledge from scientists to decision makers and the trust in the validity of the data.

This field of research has grown rapidly over the last 30 years and has become truly global in its reach. To ensure that the field remains relevant and contributes meaningfully towards conservation and management, we need to improve coordination within the community and develop systems and frameworks to help overcome the main challenges mentioned above.

This workshop will bring together researchers and managers from around the world to discuss and agree on best-practices and develop approaches for effective knowledge mobilisation. It will build on existing work that has been undertaken through the SCOR CoNCENSUS working group and we hope that the workshop will encourage greater levels of participation and strengthen the community of practice.

The workshop will be broken up into multiple sections:

- 1) Best practices: Focussing on established visual census methods that are used for quantitative assessments of demersal fishes, we will discuss thresholds for essential methodological parameters and sampling approaches. We will also discuss a best-practice

decision framework for surveying demersal fishes with observation techniques (in development).

Note: We will be sending out an online questionnaire prior to the workshop - please keep a look out for this closer to the time

2) Knowledge mobilisation: We will discuss the theories of knowledge mobilisation in the context of marine conservation and underwater fish observation research and identify barriers and bridges to improve the uptake of knowledge in local community and national decision making. Key findings from the South African BRUVs network workshop, held earlier this year, will be presented and we will discuss preliminary findings from a qualitative assessment of the fish observation research community. We want to develop a roadmap for knowledge mobilisation within the field of research.

3) Way forward: We will address any unresolved questions and concerns and then develop workplans for the workshop outputs. We will also formulate a way forward to obtain endorsement of the best-practices by the broader research community.

Here is a link to the IMCC [detailed Schedule](#) and the [Schedule-at-a-Glance](#), to see more details about the workshop schedule.

You can read more about the workshop here, in the detailed schedule (see below)

Meeting Room 2.46

Further discussions on equity and justice in marine research >

Focus Group

Meeting Room 2.42

8:00 AM - 4:00 PM

Design and Delivery of Results-Focused Knowledge Exchange >

Workshop

Meeting Room 2.41

Essentials of Conservation Social Science >

Workshop

Meeting Room 2.44

Social-ecological systems transformations as pathways to conservation >

Focus Group

Meeting Room 2.45

Strengthening the impact of coastal and nearshore demersal fish visual census research >

Focus Group

Meeting Room 2.62

10:00 AM - 12:30 PM

Monitoring marine ecosystems: challenges and aspirations >

Workshop

And this is where you will register for the workshop – you will have to create a registration profile first, and then navigate to the Pre-congress Workshops and Focus Groups Registrations tab, as seen below (navigate to Monday 14 October):

Time: 08H00 - 18H30
 Presenter: Shauna Mahajan
 Venue: Meeting Room 2.46

Strengthening locally-managed marine areas in the Western Indian Ocean by reconciling small-scale fisheries with conservation targets-Free \$0.00

Co-Creating a Blueprint for Integrated Ocean Science: Fostering Collaboration for a Sustainable Future (Group A) (Group B)

Date: Sunday 13 October
 Time: 08H00 - 18H30
 Presenter: Lina Norlund & Artur Palacz
 Venue: Meeting Room 2.61

Co-Creating a Blueprint for Integrated Ocean Science: Fostering Collaboration for a Sustainable Future-Free \$0.00

Strengthening the impact of coastal and nearshore demersal fish visual census research (Group C) (Group D)

Date: Sunday 14 October
 Time: 08H00 - 16H00
 Presenter: Kaylee Smit
 Venue: Meeting Room 2.62

Strengthening the impact of coastal and nearshore demersal fish visual census research - free \$0.00

Design and Delivery of Results-Focused Knowledge Exchange (Group C) (Group D)

Date: Monday 14 October
 Time: 08H00 - 16h00
 Presenter: Phil Karp
 Venue: Meeting Room 2.41

Design and Delivery of Results-Focused Knowledge Exchange -Developed/Developing Country Professionals + Developed Country Students \$70.00

Design and Delivery of Results-Focused Knowledge Exchange - Developing Country Students \$45.00