



Food and Agriculture
Organization of the
United Nations



CAPAM

CAPAM and FAO Stock Assessment Good Practices Workshop, Rome, 24-28 October 2022

Background

The Center for the Advancement of Population Assessment Methodology (CAPAM) and the Food and Agriculture Organization (FAO) will host a technical workshop on Stock Assessment Good Practices in Rome on 24-28 October 2022 at the FAO headquarters. The good practices workshop is the crescendo in a series organized by CAPAM as part of its Good Practices in Stock Assessment Modeling Program for improving fishery stock assessments.

FAO is a global reference in providing technical expertise, the best and latest available scientific evidence, information and advice on the global status of stock for decision-makers and fisheries managers. Additionally, as custodian of four indicators under the Sustainable Development Goal (SDGs), including SDG Indicators 14.4.1 on 'Fish Stocks Sustainability' and 14.6.1 on 'Illegal, Unreported and Unregulated Fishing', FAO plays a leading role in developing relevant global indicators, frameworks and best practices to be used in data-poor to data-rich assessments. The mutual benefit of FAO hosting this with CAPAM is therefore evident.

CAPAM's goal is to improve quantitative methods used in fisheries stock assessment and facilitate the development of a Good Practices Guide (GPG). The main activities of CAPAM revolve around the workshop series and associated special issues in the journal *Fisheries Research*. The workshops have covered several topics including: diagnostics, natural mortality, next generation stock assessment models, spatial stock assessment models, spatio-temporal modelling, recruitment, data weighting, growth, and selectivity. Most of the important topics have been covered in the workshop series laying down the foundations for the GPG. However, writing a GPG is an arduous and contentious job. Therefore, we are holding the 5-day workshop to form the groundwork for construction of the GPG.

Rationale and Format of Workshop

This technical workshop will involve leading experts in the field to provide guidelines and to initiate the development of the GPG. It is proposed to hold the workshop from 24 October to 28 October 2022 as a hybrid meeting, with in-presence sessions in Rome, Italy at FAO HQ, and virtual online sessions.

It is planned to begin the organizational process early in order to allow each invited speaker ample time to prepare a thorough draft paper on good practices for their specific topic. The papers will be reviewed

by FAO and CAPAM and made available to all participants ahead of the workshop in order to have focused and in-depth discussion which will be consolidated into a Technical Report and used for a special issue of the Elsevier Fisheries Research Journal.

The 5-day forum will include keynote, commenter, and research presentations, and focused discussions. Major topics include: stock and fishery structure, CPUE standardization, growth, selectivity, natural mortality, recruitment, data weighting, random effects/state-space models, spatial stock assessment models, diagnostics, data limited methods, integrated population models, and close-kin mark-recapture. An invited speaker and a commenter have been invited for each topic (see table below). Each invited speaker will prepare a thorough draft paper on good practices for their specific topic. The papers will be available to the commenter and participants before the workshop and can be updated after the workshop before submitting to the journal special issue. Commenters will also submit a manuscript to the Special Issue if appropriate. Anyone else is welcome and encouraged to submit a manuscript to the Special Issue (choose "VSI: Stock Assessment GPG" as the article type when submitting at <https://www.sciencedirect.com/journal/fisheries-research>).

The workshop will be held in English.

Deadlines

Contributed presentations are also requested. Please submit your abstract to Mark Maunder (mmaunder@iattc.org) by the 1st of September. There are limited spaces available for contributed presentations on each topic and selection by the organizing committee will be based on the presentation's contribution to good practices (e.g. a review of good practices for a topic, research that identifies good practices, research that tests alternative approaches, arguments for a good practice) The contributed presentations will be 10 minutes with 5 minutes for questions and should summarize the work and focus on good practice advice, with additional background material made available as a pre-recorded presentation. Presentations not selected or by people who cannot make the workshop will also be made available pre-recorded online. All presenters are encouraged to provide a manuscript for the Special Issue.

Additional funding was provided by the Government of Canada and the International Seafood Sustainability Foundation (ISSF)

Mark Maunder will chair the workshop and the organizing committee also includes André Punt, Rick Methot, and Rishi Sharma. For general information concerning the overall workshop or to submit an abstract for consideration, please contact Mark Maunder (mmaunder@iattc.org). Visit the CAPAM website (www.CAPAMresearch.org) for updated information. See below for a list of hotels.

Keynotes and commenters

Topic	Keynote	Commenter
Why good practices are needed	Richard Methot	
FAO global status of worlds fisheries and where the good practices guide fits in	Rishi Sharma	
A good practices guide	André Punt	
Stock and fishery structure	Steve Cadrin	Ernesto Jardin
CPUE standardization	Simon Hoyle	Shannon Cass-Calay
Growth	Kevin Piner/Hui-Hua Lee	Kai Lorenzen
Selectivity	Richard Methot	Ana Parma
Natural Mortality	Owen Hamel	John Hoenig
Recruitment	Liz Brooks	Carl Walters
Data weighting	Jim Thorson	Jim Ianelli
Random effects/state-space models	Anders Nielsen	Tim Miller
Spatial stock assessment models	Dan Goethel/ Aaron Berger	Collin Millar
Diagnostics	Felipe Carvalho/Henning Winker	Laurie Kell
Data limited methods	Jason Cope	Shijie Zhou
Integrated Population Models	Michael Schaub	
Close-Kin Mark-Recapture	Mark Bravington	

List of hotels

50 rooms at the Abitart Hotel (off Ostiense) have been blocked out until Aug 10th. See <https://www.abitarthotel.com/en/>. Please fill in the attached form to get the discounted rate

Abitart Hotel

[Via Pellegrino Matteucci 10, Rome, Italy](#)

<http://www.abitarthotel.com>

B&B Circus Maximus

[Viale Aventino 61, Rome, 00153, Italy](#)

<http://www.bbcircusmaximus.it>

Circo Massimo Exclusive Suite

[Via dei Cerchi, 87 Rome, 00186, Italy](#)

<http://circo-massimo-exclusive-suite.italyromehotels.net/en/#main>

Hotel Domus Aventina

[Via di Santa Prisca 11 B, Rome, 00153, Italy](#)

<http://www.hoteldomusaventina.com>

Hotel Lancelot

Via Capo D'Africa, 47, Rome, 00184, Italy
<http://www.lancelothotel.com>

[Hotel Santa Prisca](#)

Largo Gelsomini, 25, Rome, 00153, Italy
www.hotelsantaprisca.it

Mercure Roma Delta Colosseo

Via Labicana 144, Rome, 00184, Italy
<https://all.accor.com/hotel/2909/index.en.shtml>

Residence Palazzo al Velabro

Via del Velabro, 16, Rome, 00186, Italy
<http://www.velabro.it>

Hotel Ripa

Via Degli Orti Di Trastevere 1, Rome, Italy
<http://www.hotelriparoma.com>

The Aventino Guest House

Viale Aventino, 98, Rome, 00153, Italy
<http://www.aventinoguesthouse.com>

The Aventino Hotel

Via San Domenico 10, Rome, 00153, Italy
<http://www.aventinohotels.com>

[Villa San Pio](#)

[Via di Santa Melania, 19, Rome, 00153, Italy](#)
http://www.aventinohotels.com/inglese/hotel_rome_thermae_caracalla.htm