

2019 Resolutions for Operational Groups

Resolutions for Operational Groups	1
Data and Information Group (DIG)	1
Training Group (TG)	3
Science Impact and Publication Group (SIPG)	4

Resolutions for Operational Groups

Data and Information Group (DIG)

2019/OG/SCICOM01 The **Data and Information Group (DIG)**, chaired by Jens Rasmussen, United Kingdom, will meet via correspondence (WebEx) from 26–29 May 2020 to:

- a) Provide guidance and feedback to the ICES Data Centre
- b) Advise on data regulations and their impact on ICES Strategy, ICES Data Policies, and license considerations.
- c) Facilitate data governance by performing evaluations and encouraging dialogue between expert groups, governance groups, DIG, and the ICES Data Centre to adopt best practises in data management.
- d) Evaluate and monitor current and future challenges and opportunities in data management and new technologies for ICES.

DIG will report by 28 June 2020 to the attention of the Science Committee.

Supporting Information

Priority	The Data and Information Group provides ICES with solicited and unsolicited advice on all aspects of data management including technical, data policy and data strategy and user oriented guidance. This operational group flies the flag for ICES in setting standards for global databases. It also provides an important interface for oceanographic, environmental, and fisheries data management in ICES, and promotes good data management practice
Scientific justification	<p>Term of Reference a) Direct interfacing with the ICES Data Centre around priorities and general best practise recommendations enables the Data Centre to receive both solicited and unsolicited advice on solutions and practises from a broader international community.</p> <p>Term of Reference b) DIG is constitutes of data maangers from member coutrnies and can raise awareness of specific regulation or licensing perspectives that may impact on data sharing or collation on an ICES level.</p> <p>Term of Reference c) Promoting data governance and best practise for data management in the wider ICES community os becoming increasingly important as multi-disciplinary use of, and complexity of data are both increasing. It is important for the user community to be engaged in identifying priorities for relevant data systems, and provide ICES Data Centre with a clear line of communication for implementing changes .</p> <p>Term of Reference d) By reviewing and monitoring current and future activities, DIG can proactively advice ICES on emerging issues. Utilising the experience of the group and combining it with the operational knowledge of the ICES Data Centre, the potential benefits and challenges can be idetified and their potential impact presented.</p>
Resource requirements	The resource required to undertake additional activities in the framework of this group is negligible.
Participants	The Group is expected to be attended by some 15–30 members, with good international and topical coverage

Secretariat facilities	Meeting facilities, organization and facilitation of WebEx meetings (frequency and participants depending on topics to be discussed). Participation of ICES Data Centre
Financial	No financial implications.
Linkages to advisory committees	ACOM (indirect)
Linkages to other committees or groups	As Data is an important topic for most groups under SCICOM and ACOM, this group links to a large number of groups, although often indirect.
Linkages to other organizations	There are linkages with relevant international bodies and programmes like SeaDataNet/SeaDataCloud, EMODNet, IOC and its Working Committee on International Oceanographic Data and Information Exchange (IODE), OSPAR, and HELCOM.

Training Group (TG)

2019/OG/SCICOM02 The **Training Group** (TG), chaired by Jan Jaap Poos, the Netherlands, will work via WebEx and by correspondence and meet at the 2020 ASC to guide and support implementation of ICES training:

- a) Identify priority topics for training courses and potential instructors to provide them;
- b) Oversee running of training courses and evaluate cost-effectiveness and feedback from instructors and participants;
- c) Appraise opportunities to run training courses, including on-line courses, supported by projects and advise on their relevance to ICES mission.

TG will report to SCICOM and ACOM at the Annual Science Conference.

Supporting Information

Priority:	ICES Training Programme has high priority. The objective is to help build capacity in ICES and to support the scientists involved in the advisory process, ICES offers training courses by high- profile scientists and instructors..
Scientific justification	ICES needs to ensure that scientists, including those who do work related to the advisory process, have the necessary skills. ICES has an obligation to ensure that training is available as needed. The Training Programme offers tactical courses meeting immediate needs and strategic courses which may be more aligned with anticipated future needs of ICES science advancing knowledge of marine ecosystems and the advisory process. Specifically the training program should: <ul style="list-style-type: none"> • provide opportunity to participants in WGs and the advisory process to develop skills needed to deliver high quality science and advice, • support a common understanding of ICES advisory practise, • disseminate insight throughout and outside the ICES community, • intensify cooperation with expertise from other organizations to bring in new disciplines and perspectives in ICES science and advice.
Resource requirements:	Requires significant input from the Secretariat.
Participants:	Members of the Training Group and the ICES Secretariat Coordinator for Training
Secretariat facilities:	Standard Secretariat support.
Financial:	
Linkages to advisory committees:	Participation of SCICOM and ACOM members
Linkages to other committees or groups:	All Steering Groups
Linkages to other organizations:	Some courses have been offered in coordination with other organizations and co-sponsored courses are part of the business plan

Science Impact and Publication Group (SIPG)

2019/OG/SCICOM03 The Science Impact and Publication Group (SIPG), chaired by Nils Olav Handegard*, Norway, will meet by correspondence to:

- a) Monitor publication output and provide advice to SCICOM, ACOM, the ICES Secretariat and network on increasing the reach and impact of ICES publications and science, including grey literature (EG reports).
- b) Catalogue and report on the types and quantity of published outputs facilitated by the ICES network
 - i) Develop and apply methods to assess the impact of all types of publications generated by the ICES network
 - ii) Develop descriptions of the societal impact of ICES science for reporting and outreach
 - iii) Propose approaches for increasing the impact of ICES publications and identify target audiences for communicating science, advice, data and training products
- c) Develop and recommend policies governing scientific publications as requested by SCICOM.
- d) Review and provide recommendations on Category 1 requests for ICES publications prior to SCICOM meetings and intersessionally.
- e) Review and provide guidance (to SCICOM, ACOM, the ICES Secretariat and network) on the evolution of Science publication and communication and the opportunities and risks it presents for ICES.

SIPG will report by October 2020 (Annual Progress Report) for the attention of SCICOM.

Supporting information

Priority	High, publication makes an essential contribution to projecting the scope, scale and impact of ICES science
Scientific justification	<p>a) The actions described in these ToR support implementation of the science plan, specifically the actions to (i) increase the visibility of, and access to, our science, data and advice and recognise, promote and use the science outputs from expert groups and (ii) to monitor and report on progress towards meeting the goals of the science plan</p> <p>b) The action described in this ToR allows ICES to develop its approaches to scientific publication to meet the evolving needs of our network</p> <p>c) The action described in this ToR ensures alignment of ICES publications with ICES objectives as outlined in the strategic plan and science plan</p> <p>d) The actions described in this ToR support the science plan commitment to increase the visibility of, and access to, our science, data and advice and recognise, promote and use the science outputs from expert groups- while also ensuring that efforts to promote ICES science do not result in risks to our organisation.</p>
Resource requirements	Support from ICES secretariat for engagement of ICES editor in SIPG and for data collection, handling and processing
Participants	Six, including ICES Editor and other members appointed by SCICOM
Secretariat facilities	None

Financial	Support from ICES secretariat for engagement of ICES editor in SIPG
Linkages to advisory committees	ACOM
Linkages to other committees or groups	SCICOM and associated Steering Groups, Data Centre
Linkages to other organizations	No formal links
