

Resolutions for Operational Groups

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Resolutions for Operational Groups

Data and Information Group (DIG)

2022/OG/SCICOM01 The **Data and Information Group (DIG)**, chaired by Sjur Ringheim Lid, Norway, will meet at ICES Secretariat, Copenhagen, Denmark, from 23 May to - 25 May 2023 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 best practice in data governance by providing guidance to expert groups and engaging in dialogue;
- d) Evaluate and monitor current and future challenges and opportunities in data management and new technologies for ICES to ensure that DSTSG is sighted on and responsive to technology and data science developments with potential to advance the tasks identified in ICES Science and Advisory Plans.

DIG will report by 3 July 2023 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 consists of data managers from member countries 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 is 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 advise ICES and specifically DSTSG 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 identified 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 AISBL, EMODNet, IOC and its Working Committee on International Oceanographic Data and Information Exchange (IODE), OSPAR, and HELCOM.

Training Group (TG)

2022/OG/SCICOM02 The **Training Group** (TG), chaired by Anders Nielsen, Denmark, will work via WebEx and by correspondence and meet at the 2023 ASC to guide and support implementation of ICES training:

- a) Evaluate, develop, and implement a strategy for the ICES Training Programme;
- b) Identify priority topics for training courses and potential instructors to provide them;
- c) Oversee running of training courses and evaluate cost-effectiveness and feedback from instructors and participants;
- d) Appraise opportunities to run training courses, including on-line courses, supported by projects and advise on their relevance to ICES mission;
- e) Plan future collaboration with the ICES Education initiative (WKEDU).

TG will report to SCICOM and ACOM at the Annual Science Conference, and by October 2023 (Annual Progress Report).

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	<p>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:</p> <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. • Plan future collaboration with the ICES Education initiative (WKEDU). <p>Within the ICES Joint Work Plan 2019–2024 the Training Group is tasked to evaluate, develop, and implement a strategy for the ICES Training Programme, including assessment of training needs, online training courses, considerations of alternative training initiatives (courses arranged by Ph.D/Post.doc), and exploring options for accreditation of the training course.</p>
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)

2022/OG/SCICOM03 The Science Impact and Publication Group (SIPG), chaired by Nils Olav Handegard, Norway, will meet online on the (tbd) February, (tbd) May, (tbd) September, and (tbd) November 2023 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 Publication resolutions 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 2023 (Annual Progress Report) for the attention of SCICOM.

Supporting information

Priority	A good, publication strategy is essential to projecting the scope, scale and impact of ICES science
Scientific justification	<p>ToR a and b support the implementation of the science plan, specifically the actions to (i) increase the visibility of, and access to, our science, data and advice, (ii) recognise, promote, and use the science outputs from expert groups, and (iii) monitor and report on progress towards meeting the goals of the science plan</p> <p>ToR b allows ICES to develop its approaches to scientific publication and meet the evolving needs of our network</p> <p>ToR c ensures alignment of ICES publications with ICES objectives as outlined in the strategic plan and science plan</p> <p>ToR d and e 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 - engagement of ICES editor in SIPG, and use of ICES editorial office for data collection, handling and processing
Participants	Eight members appointed by SCICOM, and 4 members of ICES Secretariat, including ICES Editor

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
