

Conflict of interest form for council

Name: Howard I. Browman

Date: 28 April 2017

Conflicts of interest (COI) arise where there is a divergence between an individual's responsibilities to COPE Council and their other interests, such that an individual's motives might be compromised, or perceived to be compromised. COIs are important since Council members' opinions and actions must be, and be seen to be, impartial. COI of all council members are collected on election and annually thereafter.

COI include, but are not limited to, the following. Council members are required to disclose any of the following:

All relevant **financial relationships** with commercial interests (entities producing, marketing, re-selling, or distributing goods or services) in any amount as well as the nature of the relationship (personal or immediate family) within the past 5 years, eg;

- Grant/research support:

01/2015 – 12/2018	Institute of Marine Research. “Fine-scale interactions in the plankton – empirical observations to parameterize trophodynamic models”. (Principal Investigators: Howard Browman, Anne Berit Skiftesvik, David Fields & Caroline Durif). NOK 6 000 000
01/2015 – 12/2017	Institute of Marine Research, “Effects of increased CO ₂ /lower pH – and temperature - on vital rates of the planktonic copepod, <i>Calanus finmarchicus</i> .” (Principal Investigators: Howard Browman, Anne Berit Skiftesvik, David Fields, Jeffrey Runge Caroline Durif). NOK 2 700 000
01/2015 – 12/2017	Fram Centre, “Effects of increased CO ₂ /lower pH – and temperature - on vital rates of the planktonic copepod, <i>Calanus glacialis</i> .” (Principal Investigators: Howard Browman, Anne Berit Skiftesvik, David Fields, Jeffrey Runge Caroline Durif, Andrew Mount, Michael Arts). NOK 3 000 000
01/2014 – 12/2017	Arctic Monitoring and Assessment Programme (AMAP), “AMAP Assessment on Acidification of the Arctic Ocean and its Consequences on Biota”. (Principal Investigator: Howard Browman). NOK 2 400 000
01/2013 - 12/2016	The Research Council of Norway (HAVKYST Program). “Impact of ocean acidification on Arctic zooplankton populations” (Principal Investigators = Haakon Hop, Peter Thor, Claudia Halsband, Howard I. Browman). NOK 3 600 000
01/2011 – 12/2014	Institute of Marine Research. “Fine-scale interactions in the plankton – empirical observations to parameterize trophodynamic models”. (Principal Investigators: Howard Browman, Anne Berit Skiftesvik, David Fields & Caroline Durif). NOK 6 000 000
01/2012 – 12/2014	Institute of Marine Research, “Effects of increased CO ₂ /lower pH – and temperature - on vital rates of the planktonic copepod, <i>Calanus finmarchicus</i> , with an emphasis on the overwintering life stages.” (Principal Investigators: Howard Browman, Anne Berit Skiftesvik,

01/2012 – 12/2014	David Fields, Jeffrey Runge Caroline Durif, V. Thiyagarajan). NOK 2 700 000 Fram Centre, “Effects of increased CO ₂ /lower pH – and temperature - on vital rates of the planktonic copepod, <i>Calanus glacialis</i> .” (Principal Investigators: Howard Browman, Anne Berit Skiftesvik, David Fields, Jeffrey Runge Caroline Durif, V. Thiyagarajan). NOK 2 700 000
01/2014 - 06/2015	The Research Council of Norway (HAVKYST Program). “In situ swimming and orientation ability of larval cod and other plankton. Parameterizing models of prey availability to top predators” (Principal Investigators = Howard I. Browman, Claire Paris, Frode Vikebø, Anne Berit Skiftesvik). NOK 142 000
01/2010 - 12/2014	The Research Council of Norway (Strategic Institute Program). “Effects of climate change on the <i>Calanus</i> complex (ECCO)” (Principal Investigators = Webjørn Melle, Espen Bagøien, Howard Browman & Geir Huse). NOK 37 084 000
03/2011 – 12/2013	Arctic Monitoring and Assessment Programme (AMAP), “AMAP Assessment on Acidification of the Arctic Ocean and its Consequences on Biota”. (Principal Investigator: Howard Browman). NOK 200 000
	<ul style="list-style-type: none"> • Consultancies: <p>None.</p>
	<ul style="list-style-type: none"> • Membership of speakers’ bureaux: <p>None.</p>
	<ul style="list-style-type: none"> • Patent ownership: <p>None.</p>
	<ul style="list-style-type: none"> • Membership of scientific advisory board: <p>2014- Member, Scientific Advisory Panel, Hellenic Centre for Marine Research, Division of Marine Biological Resources and Inland Waters</p>
	<ul style="list-style-type: none"> • Membership of board of directors: <p>None currently.</p>
	<ul style="list-style-type: none"> • Stock shareholding (directly purchased): <p>None.</p>
	<ul style="list-style-type: none"> • Other financial support (eg, honoraria, travel grants, gift, royalties) (please specify):

Editor-in-Chief honorarium for my work with the ICES Journal of Marine Science.

Travel budget in support of my EiC position with the ICES JMS.

Any **non-financial relationships/affiliations** relevant to COPE (please specify):

Editorial Policy Committee, Council of Science Editors.

Further information

Charity Commission

http://www.charitycommission.gov.uk/charity_requirements_guidance/charity_governance/good_governance/conflicts.aspx

While COIs will be reviewed annually, they must also be specifically declared at the beginning of each Council or Forum meeting or before participation in any complaints processes. COIs are posted on COPE's website.