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:

<table>
<thead>
<tr>
<th>Date</th>
<th>Department or Organisation</th>
<th>Project Description</th>
<th>Principal Investigators</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/2015 – 12/2015</td>
<td>Institute of Marine Research</td>
<td>“Fine-scale interactions in the plankton – empirical observations to parameterize trophodynamic models”.</td>
<td>Howard Browman, Anne Berit Skiftesvik, David Fields &amp; Caroline Durif</td>
<td>NOK 6 000 000</td>
</tr>
<tr>
<td>01/2015 – 12/2017</td>
<td>Institute of Marine Research</td>
<td>“Effects of increased CO2/lower pH – and temperature - on vital rates of the planktonic copepod, Calanus finmarchicus.”</td>
<td>Howard Browman, Anne Berit Skiftesvik, David Fields, Jeffrey Runge Caroline Durif</td>
<td>NOK 2 700 000</td>
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<tr>
<td>01/2015 – 12/2017</td>
<td>Fram Centre</td>
<td>“Effects of increased CO2/lower pH – and temperature - on vital rates of the planktonic copepod, Calanus glacialis.”</td>
<td>Howard Browman, Anne Berit Skiftesvik, David Fields, Jeffrey Runge Caroline Durif, Andrew Mount, Michael Arts</td>
<td>NOK 3 000 000</td>
</tr>
<tr>
<td>01/2014 – 12/2017</td>
<td>Arctic Monitoring and Assessment Programme (AMAP)</td>
<td>“AMAP Assessment on Acidification of the Arctic Ocean and its Consequences on Biota”.</td>
<td>Howard Browman</td>
<td>NOK 2 400 000</td>
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<tr>
<td>01/2013 - 12/2016</td>
<td>The Research Council of Norway (HAVKYST Program)</td>
<td>“Impact of ocean acidification on Arctic zooplankton populations”</td>
<td>Haakon Hop, Peter Thor, Claudia Halsband, Howard I. Browman</td>
<td>NOK 3 600 000</td>
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<td>01/2011 – 12/2014</td>
<td>Institute of Marine Research</td>
<td>“Fine-scale interactions in the plankton – empirical observations to parameterize trophodynamic models”.</td>
<td>Howard Browman, Anne Berit Skiftesvik, David Fields &amp; Caroline Durif</td>
<td>NOK 6 000 000</td>
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<tr>
<td>01/2012 – 12/2014</td>
<td>Institute of Marine Research</td>
<td>“Effects of increased CO2/lower pH – and temperature - on vital rates of the planktonic copepod, Calanus finmarchicus, with an emphasis on the overwintering life stages.”</td>
<td>Howard Browman, Anne Berit Skiftesvik, David Fields &amp; Caroline Durif</td>
<td>NOK 4 000 000</td>
</tr>
</tbody>
</table>
David Fields, Jeffrey Runge, Caroline Durif, V. Thiyagarajan. NOK 2 700 000

01/2012 – 12/2014
Fram Centre, “Effects of increased CO₂/lower pH – and temperature - on vital rates of the planktonic copepod, Calanus glacialis.” (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 Calanus 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

• Consultancies:
None.

• Membership of speakers’ bureaux:
None.

• Patent ownership:
None.

• Membership of scientific advisory board:
2014- Member, Scientific Advisory Panel, Hellenic Centre for Marine Research, Division of Marine Biological Resources and Inland Waters

• Membership of board of directors:
None currently.

• Stock shareholding (directly purchased):
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.