**SUPPLEMENARY MATERIAL**

**Introduction to: ‘*Exploring adaptation capacity of the world’s oceans and marine resources to climate change*’**

**INTRODUCTION**

**‘Adaptation science’ is needed to inform the sustainable management of the world’s oceans in the face of climate change**

Manuel Hidalgo1,\*, Valerio Bartolino2, Marta Coll3, Mary E. Hunsicker4, Morgane Travers-Trolet5 and Howard I. Browman6

1*Spanish Institute of Oceanography (IEO, CSIC), Balearic Oceanographic Center (COB), Ecosystem Oceanography Group (GRECO), Moll de Ponent s/n, 07015 Palma, Spain*

2*Department of Aquatic Resources, Swedish University of Agricultural Sciences, Turistgatan 5, 453 30 Lysekil, Sweden*

3*Institute of Marine Sciences (ICM, CSIC), Passeig Marítim de la Barceloneta, nº 37-49. 08003, & Ecopath International Initiative Research Association, Barcelona, Spain*

4*Northwest Fisheries Science Center, NMFS, NOAA, Hatfield Marine Science Center, 2032 SE. OSU Dr., Newport, OR 97365, USA*

5*DECOD (Ecosystem Dynamics and Sustainability), IFREMER, INRAE, Institut Agro, 44311, Nantes, France*

6*Institute of Marine Research, Ecosystem Acoustics Group, Austevoll Research Station, Sauganeset 16, 5392 Storebø, Norway*

\**Corresponding author: +34 971 702 125; e-mail:* [*jm.hidalgo@ieo.es*](about:blank)

Table S1. The number of publications per year returned by a search of the Web of Science Core Collection for the terms “adaptation and marine and climate change” (Adaptation in the column ‘Metric’ of the table) and “vulnerability and marine and climate change” (Vulnerability in the column ‘Metric’ of the table) over the period 1992–2021, conducted on 29 November 2021. Data displayed in the Figure 1 of the main document.

|  |  |  |  |
| --- | --- | --- | --- |
| **Years** | **Publications** | **Rate** | **Metric** |
| 1992 | 2 | 0.05 | Adaptation |
| 1993 | 0 | 0 | Adaptation |
| 1994 | 4 | 0.101 | Adaptation |
| 1995 | 1 | 0.025 | Adaptation |
| 1996 | 0 | 0 | Adaptation |
| 1997 | 3 | 0.076 | Adaptation |
| 1999 | 4 | 0.101 | Adaptation |
| 2000 | 3 | 0.076 | Adaptation |
| 2001 | 4 | 0.101 | Adaptation |
| 2002 | 5 | 0.126 | Adaptation |
| 2003 | 4 | 0.101 | Adaptation |
| 2004 | 10 | 0.252 | Adaptation |
| 2005 | 9 | 0.227 | Adaptation |
| 2006 | 15 | 0.379 | Adaptation |
| 2007 | 11 | 0.278 | Adaptation |
| 2008 | 43 | 1.085 | Adaptation |
| 2009 | 80 | 2.019 | Adaptation |
| 2010 | 87 | 2.195 | Adaptation |
| 2011 | 120 | 3.028 | Adaptation |
| 2012 | 161 | 4.063 | Adaptation |
| 2013 | 212 | 5.349 | Adaptation |
| 2014 | 240 | 6.056 | Adaptation |
| 2015 | 315 | 7.949 | Adaptation |
| 2016 | 362 | 9.134 | Adaptation |
| 2017 | 340 | 8.579 | Adaptation |
| 2018 | 420 | 10.598 | Adaptation |
| 2019 | 468 | 11.809 | Adaptation |
| 2020 | 522 | 13.172 | Adaptation |
| 2021 | 512 | 12.92 | Adaptation |
| 1992 | 0 | 0 | Vulnerability |
| 1993 | 0 | 0 | Vulnerability |
| 1994 | 0 | 0 | Vulnerability |
| 1995 | 0 | 0 | Vulnerability |
| 1996 | 0 | 0 | Vulnerability |
| 1997 | 2 | 0.096 | Vulnerability |
| 1999 | 2 | 0.096 | Vulnerability |
| 2000 | 2 | 0.096 | Vulnerability |
| 2001 | 1 | 0.048 | Vulnerability |
| 2002 | 2 | 0.096 | Vulnerability |
| 2003 | 6 | 0.288 | Vulnerability |
| 2004 | 8 | 0.385 | Vulnerability |
| 2005 | 7 | 0.337 | Vulnerability |
| 2006 | 8 | 0.385 | Vulnerability |
| 2007 | 11 | 0.529 | Vulnerability |
| 2008 | 24 | 1.154 | Vulnerability |
| 2009 | 36 | 1.731 | Vulnerability |
| 2010 | 40 | 1.923 | Vulnerability |
| 2011 | 63 | 3.029 | Vulnerability |
| 2012 | 70 | 3.365 | Vulnerability |
| 2013 | 94 | 4.519 | Vulnerability |
| 2014 | 106 | 5.096 | Vulnerability |
| 2015 | 160 | 7.692 | Vulnerability |
| 2016 | 183 | 8.798 | Vulnerability |
| 2017 | 172 | 8.269 | Vulnerability |
| 2018 | 234 | 11.25 | Vulnerability |
| 2019 | 270 | 12.981 | Vulnerability |
| 2020 | 299 | 14.375 | Vulnerability |
| 2021 | 278 | 13.365 | Vulnerability |