

## Alexandre K. MAGNAN

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Nationality: French – Date of Birth: 13 January 1977

# Curriculum vitae

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# General overview *(scientific background and activities)*

## Area of expertise

- **From trajectories of vulnerability to (mal)adaptation pathways**
- **Coastal areas and Ocean**, mainly Indian Ocean (Maldives, Reunion Island, Mauritius, Seychelles) and Pacific Ocean (French Polynesia, Kiribati). Secondary fields: Bangladesh, France, Japan, Tunisia, Caribbean (Saint-Martin, Anguilla, British and US Virgin Islands, Saint-Barthélemy)
- **Assessment of adaptation progress** (multi-scale)

## Education

- 2018                    **“Habilitation à Diriger des Recherches”** (HDR), University of la Rochelle (France) – *A theory of adaptation to climate change, from trajectories of vulnerability to adaptation pathways*
- 2002-2005            **PhD in Geography**, University of Montpellier (France). Title – *Tourism and development in the Maldives archipelago and Mauritius Island* (in French).
- 2001-2002            **Masters in Human Geography**, University of la Réunion, France (Indian Ocean) – *Development issues in small islands (Réunion, Mauritius, Maldives)* (in French).

## Professional experience

- Since 08. 2007        **Senior Research Fellow “Vulnerability and adaptation to global change”, Institute for Sustainable Development and International Relations, Sciences Po – Paris, France**
- Coordination of the research projects;
  - Science/decision interface (local to international scales)
  - Media and general public dissemination activities
- Since 01. 2017        Associate Research Fellow, **LIENSs laboratory** (« Littoral, Environment, Society », UMR 7266, CNRS & University of la Rochelle, France – <http://lienss.univ-larochelle.fr/>)
- 05.2006 – 01.2007    **Director of an ecomuseum – Ré island, France**
- Scientific coordination (development of research projects and public awareness programmes)
  - Administrative responsibility (management of the structure and the team).
- 08.2002 – 06.2006    **Project manager, Regional Committee for Health promotion – Reunion Island, Indian Ocean, France**
- Scientific programmes on health promotion;
  - Institutional relations (decision makers and financial organisms);
  - Training activities;
  - Public awareness.

## Research programmes

### Current

- 2022-2028            **Futurisks: Past-to-FUTURE Coastal RISKS in Tropical French Overseas Island Territories: from impacts to solutions** — France 2030, 2 500 000 € – Co-coord. V.KDuvat, X. Certain (LIENSs)
- 2021-2023            **Global Adaptation Progress Tracking (GAP-Track)** — AFD, 335 000 € – Co-coord. A.K. Magnan (IDDRI).
- 2022-2023            **Systematic review on climate ocean-related solutions** — France 2030, 50 k€ – Coord. L. Bopp (IPSL-ENS), J.-P. Gattuso (Sorbonne Univ.-CNRS)
- 2022-2023            **Atolls Futures: designing adaptation pathways for atoll islands** — FPA2, 50 k€ – Coord. A.K. Magnan (IDDRI)

- 2021-2023 **Adaptation Without Borders:** addressing global transboundary climate risks — SEI-IDDRI-ODI, 700 k€ – Coord. K. Harris (SEI)
- Past**
- 2017-2022 **IPCC (Intergovernmental Panel on Climate Change)**, Working Group 2 (Impacts, Vulnerability, Adaptation)  
 - Special report on the Ocean and Cryosphere in a Changing Climate – Lead Author chapter 4 (Sea-level rise and implications for low-lying islands, coasts and communities) & Coordinating Lead Author Cross-chapter box (Low-lying islands and coasts)  
 - Sixth Assessment Report – Lead Author chapter 16 (Key risks across sectors and regions)
- 2016-2021 **STORISK (Small islands addressing climate change: towards storylines of risk and adaptation)** – ANR, 950 000 € – Co-coord. V. Duvat (LIENSs) & A.K. Magnan (IDDRI).
- 2016-2019 **The Ocean Solutions initiative** – VEOLIA, FPA2, FFEM, 140 000 € – Co-coord. J.-P. Gattuso (UPMC-CNRS) & A.K. Magnan (IDDRI).
- 2016-2020 **Ocean Governance for Sustainability, challenges, options and the role of science** – Working Group on “Ocean and Climate” – European Union – Coord. A.-K. Hornidge (Leibniz Centre for Tropical Marine Research, Germany).
- 2014-2015 Involvement in the preparation of the 21<sup>st</sup> Conference of the Parties of the UNFCCC (United Nations Framework Convention on Climate Change), COP21 (Paris, December 2015), on the following topics: oceans (acidification and climate change), Global Adaptation Goal.
- 2013-2016 **RÉOMERS** (French overseas territories’ resilience to climate and marine related hazards in the context of climate change) – MEDDE, 128 000 € – Coord. V. Duvat (LIENSs).
- 2014-2015 **The Oceans 2015 initiative:** an impact scenario for COP21 – FPA2, BNP Paribas, AIEA, 180 000 € – Co-coord. J.-P. Gattuso (UPMC-CNRS) & A.K. Magnan (IDDRI).
- 2011 – 2015 **CAPADAPT** (Building an analytical framework on adaptive capacity to climate change, Bangladesh and Kiribati) – ANR JCJC, 164 000 € – Coord. A.K. Magnan (IDDRI).
- 2011 – 2015 **VULNERARE** (Trajectories of vulnerability in coastal areas: informing the past for feeding scenarios on the Future, Reunion island) – Fondation de France, 138 000 € – Coord. A.K. Magnan (IDDRI).
- 2012 – 2014 **EMAPS** (Electronic Maps to Assist Public Science) – FP7 (Europe), 1,491,800 € - Coord. B. Latour (Sciences Po, France).
- 2012 – 2014 **MEDEA** (Cartographier les débats environnementaux sur l’adaptation – Mapping Environmental DEbates on Adaptation) – ANR CEPS, 399,120 € - Coord. T. Venturini (Médialab, Sciences Po, France).
- 2007 – 2013 **SECIF** (Toward climate services for French industrial companies) – ANR Changements Environnementaux Planétaires (CEPS), 880,000 € – Coord. P. Braconnot (IPSL, France).
- 2011 – 2013 **DEVAST** (Évacuation de crise et perception des risques en démocratie) – ANR Flash, 97,800 € – Coord. F. Gemenne (IDDRI, Sciences Po, France).
- 2007 – 2011 **CIRCE** (Climate Change and Impact Research: the Mediterranean environment) – European Union 6<sup>th</sup> Framework Programme, approx. 13,700,000 € – Coord. A. Navarra (CMCC, Italia) & L Tubiana (IDDRI, France).

## Conferences/workshops organisation (in grey, forthcoming)

### 2023

Organisateur – *Designing adaptation pathways for atoll islands (part 2)* – 13-15/06/2023, Monaco.

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## 2022

Co-organizer – *Annual General Meeting of the Adaptation Without Borders initiative* – 10-11/10/2022, London, United Kingdom (organized with the Stockholm Environment Institute, Sweden).

Organizer – *Designing adaptation pathways for atoll islands (part 1)* – 22-24/03/2022, Monaco.

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## 2020

Scientific committee – *Fifth World Congress on Resilience* – 13-15/05/2020, Yaounde, Cameroun (organised by the Université Catholique d'Afrique Centrale).

Scientific Committee – *17<sup>ème</sup> Forum International de la Météo et du Climat*, FIMC, 19/05/2019, Paris, France.

Co-organizer – *Annual General Meeting of the Adaptation Without Borders initiative*. – 20-21/02/2020, Paris, France (with SEI, Sweden, and ODI, United Kingdom).

Co-organizer – *Atolls Futures: understanding atoll islands habitability under climate change (part 2)* – 17-10/02/2020, Paris, France (with V. Duvat, University of la Rochelle, France; and J.-P. Gattuso, CNRS-UPMC, France).

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## 2019

Co-organizer – *Climate uncertainty and Adaptation pathways in French Polynesian atoll islands (in the frame of the STORISK project)* – 22-24/10/2019, Barcelonnette, France (with V. Duvat, University of la Rochelle, France).

Co-organizer – *Atolls Futures: understanding atoll islands habitability under climate change (part 1)* – 3-5/09/2019, Paris, France (with V. Duvat, University of la Rochelle, France; and J.-P. Gattuso, CNRS-UPMC, France).

Co-organizer – *Building resilience to address ocean change: drivers of vulnerability and implications for adaptation* – 23-25/04/2019, Monaco (with S. Cooley, Ocean Conservancy, USA). Technical Meeting of the International Atomic Energy Agency (IAEA).

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## 2018

Co-organizer – *Towards a Global Adaptation Goal* – 19/01/2018, Paris, France (with the Stockholm Environment Institute (Suède) & the Overseas Development Institute (UK)).

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## 2017

Co-organizer – *The Oceans Solutions Initiative (part 3)* – 30/05-01/06/2017, Potsdam, Allemagne (co-organised by Global Climate Forum, AMAO and IDDRI).

Co-organizer – *The Oceans Solutions Initiative (part 2)* – 18-20/04/2017, Monaco (co-organised by AMAO and IDDRI).

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## 2016

Co-organizer – *The Oceans Solutions Initiative (part 1)* – 22-24/11/2016, Monaco (co-organised by AMAO and IDDRI).

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## 2015

Co-organizer – *The Oceans 2015 Initiative: impacts of ocean warming and acidification (part 2)* – 13-15/04/2015, Monaco (co-organised by UPMC-CNRS and IDDRI).

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## 2014

Co-organizer – *The Oceans 2015 Initiative: impacts of ocean warming and acidification (part 1)* – 03-05/12/2014, Paris, France (co-organised by UPMC-CNRS and IDDRI).

Co-organizer – *(In)certitudes et Adaptation au climat futur* – 17-18/11/2014, Paris-Meudon, France (co-organised by IPSL and IDDRI).

Co-organizer – *Réduire les risques littoraux et s'adapter au changement climatique* – 2-4/04/2014, La Rochelle, France (co-organised by LIENSs and IDDRI).

## 2013

Co-organizer – *Back to the future: from trajectory of vulnerability to adaptation to climate change* – 8-11/10/2013, Rochefort/La Rochelle, France (co-organised by LIENSs and IDDRI).

## 2012

Co-organizer – *“First, Do No Harm” Avoiding Maladaptation to Climate Change* – 6-10/11/2012, Rockefeller Bellagio Centre, Milan, Italy (co-organised by SEI-US, IDDRI and ULAB-CSD).

Organizer – *Quelle stratégie d’adaptation face au changement climatique pour les grandes entreprises françaises ? Vers de nouveaux « services climatiques » ?* – 16/10/2012, Chair Sustainable development of Sciences Po & SNCF, Paris, France.

Co-organizer, *“Risk after Fukushima. Putting the 3.11 Disaster in Perspective”* – 17-18/09/2012, Sciences-Po, Paris.

Session chair – *“Knowledge of and awareness to climate change impacts within populations and institutions”*, Workshop on *“Environmental migrations in the Middle East and North Africa”* – 13-14/06/2012, Paris, France (organized by IOM, AFD and IDDRI).

Scientific committee – *Human Rights, Environmental Change, Migration and Displacement* – ClimMig Conference, 20-21/09/2012, Vienna, Austria (co-organised by Ludwig Boltzmann Institute of Human Rights and IDDRI).

Co-organizer – *Climate services: towards the provision of tailored climate information to the industry* – bilingual English/French, 10/01/2012, Paris, France (co-organised by IPSL, Météo-France, CNRS-INSU and IDDRI).

## Other scientific activities

### Peer-reviewing: Journals (into brackets, the number of papers reviewed)

2023 *Coastal Futures* (1), *Nature Climate Change* (1), *Nature* (1), *WIREs Climate Change* (1)  
2022 *Environmental Research Letter* (1), *Regional Environmental Change* (2)  
2021 *Climate and Development* (1), *Philosophical Transactions B* (1), *Nature Climate Change* (1)  
2020 *WIREs Climate Change* (1), *Climate and Development* (1)  
2019 *Environmental Science and Policy* (1), *Environmental Development* (1), *Sustainability Science* (1), *WIREs Climate Change* (1)  
2018 *Climate and Development* (1), *Environmental Science and Policy* (1)  
2017 *WIREs Climate Change* (1), *Global Environmental Change* (1), *Island Studies Journal* (1)  
2016 *Nature Sciences Sociétés* (2), *Sustainability Science* (1), *Climate and Development* (1)  
2015 *Oceanography magazine* (1), *Développement Durable et Territoires* (1), *Climate and Development* (2)  
2014 *Global Environmental Change* (1), *Climate and Development* (1), *Nature Sciences Sociétés* (1)  
2013 *Mitigation & Adaptation Strategies for Global Change* (1)  
2012 *Mitigation & Adaptation Strategies for Global Change* (1), *Climate and Development* (1), *WIREs Climate Change* (1)  
2011 *Climatologie* (1)  
2010 *Vertigo* (2), *Le Prisme à Idées* (1)  
2009 *Les Cahiers d’Outre-Mer* (2)

### Editorial roles

2023 Editor-in-Chief (with A. Anisimov) of the *The global transboundary climate risk report 2023* (Adaptation Without Borders, <https://adaptationwithoutborders.org/>).

2022-2023 Guest Editor for the Special Issue “Severe Climate Risk”, *Climate Risk Management* (<https://www.sciencedirect.com/journal/climate-risk-management>).

### Journals’ scientific committee

- *Etudes caribéennes*, since 2010

### Peer-reviewing: Research projects submitted for funding

2019 ESRC, UK Research and Innovation (UK)

2018 Fondation de France, Goethe Institut/Prince Klaus Fund for Culture and Development

2017 Fondation de France

- 2016 GICC (France), French National Research Agency (*Agence Nationale de la Recherche*, ANR, France), Fondation de France
- 2015 GICC (France)
- 2014 National Council of Strategic Research (France), French National Research Agency (*Agence Nationale de la Recherche*, ANR, France)
- 2013 Research Council on Social Sciences (Canada)
- 2011 Ouranos/ICAR (Canada), R2DS Network (France), GICC (France)

### Peer-reviewing: Scientific Reports

- 2019 *Adaptation metrics: the current landscape and evolving practices* (T. Leiter and A. Olhoff), Background paper for the Global Commission on Adaptation – Review in June 2019
- 2017 UNEP *Adaptation Gap Report 2017* – Review in September 2017.
- 2016 UNEP *Adaptation Gap Report 2016* – Review in August 2015 and February 2016.
- 2010 IPCC Special Report: *Managing the risks of extreme events and disasters to advance climate change adaptation (SREX)* – Review made in September 2010.
- 2009 Romieu E., Vinchon C., 2009. *Evaluation de la vulnérabilité en zone côtière : état de l'art et analyse critique*. Rapport final. BRGM/RP-57389-FR. 188 p.

### Membership (scientific committees and working groups)

- 2022- Scientific Committee of the **World Adaptation Science Program** (UNEP)
- 2022-2030 Scientific Committee of the Climate Plan of French Polynesia, **Government of French Polynesia**.
- 2020-2021 Chair of the Reference Working Group of the Assessemnt of projects including co-benefits for climate adaptation in Sub-saharian Africa and Madagascar, **French Development Agency (AFD)**.
- 2020 Advisory group for the independent evaluation of the relevance and effectiveness of the **Green Climate Fund** investments in the Small Island Developing States.
- 2019-2020 Scientific Committee, **Symposium 17<sup>ème</sup> Forum International de la Météo et du Climat**, FIMC, 19/05/2019, Paris, France.
- 2019-2020 Scientific Committee, **Symposium 5th World congress on Resilience**, UCAC, 13-15/05/2019, Yaounde, Cameroon.
- 2019-2022 **IPCC (Intergovernmental Panel on Climate Change)**, Working Group 2 (Impacts, Vulnerability, Adaptation) – Sixth Assessment Report – Lead Author chapter 16 (*Key risks across sectors and regions*)
- 2017-2019 **IPCC (Intergovernmental Panel on Climate Change)**, Working Group 2 (Impacts, Vulnerability, Adaptation) – Special Report on the *Ocean and Cryosphere in a Changing Climate* – Lead Author chapter 4 (*Sea-level rise and implications for low-lying islands, coasts and communities*) & Coordinating Lead Author Cross-chapter box (*Low-lying islands and coasts*)
- 2017-2021 **Agence Française de Développement**, Monitoring Committee of the Facility Adapt'Action
- 2018-2019 **Conference scientific committee**, "*L'adaptation des côtes, des ports et des estuaires au changement climatique*", SHF-AIPCN, 21-22/11/2019, Paris, France.
- 2018-2019 **Scientific committee of the French National Research Agency (ANR)**, Call on « Ouragans 2017 : Catastrophe, risque, résilience ».
- Since 2017 **SOLAS-IMBER Working Group on Ocean Acidification**
- Since 2017 **OA-ICC Advisory Board** (Ocean Acidification International Coordination Center, IAEA)
- Since 2016 **Scientific committee of the Coastal Programme of the Fondation de France**, France
- 2016 Advisory board of the Call for Research Projects "*Gestion des Impacts du changement climatique*", MEEM, France
- 2016 Conference scientific committee, "*The changing littoral. Anticipation and adaptation to climate change*" EUCC, 24-28/10/2016, Biarritz, France
- Since 2015 **Scientific committee of the Call for Research Projects "Ocean Acidification"**, MEDDE/METS-FRB, France.
- 2015-2017 Scientific committee of Ocean and Climate Platform
- Since 2013 Working group of the IUCN (International Union for Conservation of nature) on "Overseas territories"
- 2001-2012 Scientific committee of exhibition "*Climate, Ocean and Men*" that will be launched by the Cité des Sciences et de l'Industrie (Paris, April 2011-June 2012)

## Auditions by (inter)national bodies

- 2020 **UNFCCC Structured Expert Dialogue**, First Meeting of the Structured Expert Dialogue (SED) of the second periodic review, UNFCCC, Virtual, 26/11/2020
- 2018 **French National Assembly**, Mission d'information sur la gestion des événements climatiques majeurs dans les zones littorales de l'hexagone et des outre-mer, 17/01/2018.
- 2015 **French National Assembly**, Office parlementaire d'évaluation des choix scientifiques et technologiques (OPECST), 24/09/2015.
- 2013 **French National Assembly**, Commission du Développement Durable, 27/11/2013.

## Awards

- 2023 **Nomination as a Scientific Committee member World Adaptation Science Program** (<https://wasp-adaptation.org/>)
- 2017 **Nomination as an author of the IPCC (Intergovernmental panel on Climate Change)**, Working Group 2 (Impact, Vulnerability, Adaptation), for the period 2017-2021.
- 2016 **Deauville Green Award (Gold Medal; international level)**, for the animated movie "Blue Ocean" [[Link](#)]
- 2015 **Laureate of National forum of associations and fondations (national level)** for the research project VulneraRe (2011-2015, lead : A. Magnan) – *Trajectoires de vulnérabilité des littoraux de l'île de la Réunion aux risques naturels : renseigner le passé pour informer le futur*
- 2015 **Laureate of the Fondation de France (national level)**, for the research project VulneraRe (2011-2015, lead : A. Magnan) – *Trajectoires de vulnérabilité des littoraux de l'île de la Réunion aux risques naturels : renseigner le passé pour informer le futur*
- 2014 **Laureate for the Jean Rostand Price (national level)**, for the book *Ces îles qui pourraient disparaître* (2012, Pommier-Belin).
- 2014 **Nomination for the Price Prix du Livre Environnement (Veolia)**, for the book *Des catastrophes... « naturelles » ?* (2014, Le Pommier-Belin).

## Training activities

### Postdoc supervision

- 2019-2020 A. Anisimov, Iddri, Paris, France.
- 2012-2013 J. Desarthe, Iddri, Paris, France.
- 2012-2013 J. Jordan, Iddri, Paris, France.

### PhD supervision

- 2023-2026 M. Girault, La Rochelle University, La Rochelle, France

### PhD jury

- 2021 P. Bosboeuf, University of Paris-Est Créteil, Paris, France
- 2015 C. Buffet, École des Hautes Études en Sciences Sociales, France.  
A. Bonnemains, University of Savoie, France.
- 2014 V. Van Gameren. Brussels University, Belgium.

### PhD thesis Advisory Committee

- 2021-2023 C. Jonchères, IRSTEA Bordeaux, France.
- 2016-2020 V. Pillet, University of la Rochelle, France.
- 2016-2019 C. Salmon, University of la Rochelle, France.
- 2015-2017 A. Comte, University of Brest, France.

### Master supervision (\* only in the jury)

- 2021 Master 2, E. Loiseleur, Paris 1-ENS, Paris, France  
\* Master 2, C. Thomas, SciencesPo Paris, France
- 2019 Master 2, E. Stoclet, Paris 1-ENS, Paris, France
- 2017 Master 2, V. Chalastani, Polytechnique, Paris, France  
Master 2, T. Viriamu, University of la Rochelle, la Rochelle, France  
Master 2, C. Sanchez, University of la Rochelle, la Rochelle, France  
\* Master 2, H. Terorotua, University of la Rochelle, la Rochelle, France
- 2015 Master 2, M. Ranché, University of la Rochelle, la Rochelle, France  
Master 2, C. Charpentier, University of Paris 1-Sorbonne, Paris, France  
\* Master 2, P.-B. Rivet, University of la Rochelle, la Rochelle, France
- 2014 Master 2, F. Rubia, University of la Rochelle, la Rochelle, France  
Master 2, A. Preinveille, University of la Rochelle, la Rochelle, France
- 2012 Master 2, A. Cavichioli, University of Lille 1, Lille, France  
Master 2, E. Anger, University of la Rochelle, la Rochelle, France

### **Training and teaching**

- 2022 *Lessons learnt from the IPCC AR6 Working Group II report* – 2h, 22/06/2022, École de Management de Lyon – Master 2.
- 2017 International workshop on Water and Climate (<http://www.water-climate-workshop.com/>). Lead on the Working Group « Asia, submersion » ; 20 participants. Organized by the Agence de l'Eau Seine-Normandie, France.
- 2016 *Adaptation to climate change* – 2h, 06/05/2016, Sciences Po Paris – Master 2 Sustainable Development.
- 2016 National workshop on Water and Climate Change. Contribution to the « Coastal areas » day ; 10 participants. Organized by the French Ministry of the Environment (Water and Biodiversity unit), France.
- 2015 *Les négociations internationales sur le climat* – 2h, 18/11/2015, University of la Rochelle, la Rochelle, France – Master 1 Geography.
- 2012 Writeshop and Mentorship Programme to support young researchers from developing countries (in Africa) on scientific publication. Lead of the 1-week session, 25 participants. Under a joint programme of the SEI (Stockholm Environment Institute), UNEP (United Nations Environment Programme) and ISDR (International Strategy for Disaster Reduction).
- 2011 *Small island facing sea level rise* – 2h (in French), 18/01/2011, Paris, France – Master students in Political sciences and in Development and NGOs.
- 2011 *How to elaborate a research approach: from scattered questions to a research framework*, 2h (in French), 1/03.2011, Institut de gestion et de l'aménagement du territoire (IGEAT), Brussels, Belgium – PhD students in Development studies.

### **Media activities**

#### **Interviews and quotations**

- 2023 *Financial Times* (March), *La Croix* (March), *France Inter* (March), *TF1 Info* (May), *La Montagne* (May), *Iddri podcast* ([June](#)), *Le Monde* (June), *France Info* (Juin), *Reporterre* (June)
- 2022 *Agence France Presse* (Feb.), *20 Minutes* (Feb.), *Le Républicain Lorrain* (Feb.), *Le Parisien* (Feb.), *Le Journal du Dimanche* (Feb.), *Le Monde* (Feb.), *France Culture* (Feb.), *Europe 1* (Feb.), *Blast* ([March](#)), *Le Media* ([March](#)), *France Inter* ([March](#)), *Radio France Internationale* ([March](#)), *Actu Environnement* (March), *Alternatives Economiques* (April), *Frankfurter Allgemeine Zeitung* (April), *Science & Vie Junior* (June), *L'Obs* (June), *Nouvel Obs* (June), *TNTV Polynesia* (July), *Radio Tahiti* (July), *GoodPlanet mag'* (Sept.), *AEF info* (October), *Le Monde.fr* (Oct.), *Le Monde.fr* (Nov.), *CBC French Television Canada* (Nov.), *RFI* (Nov.)
- 2021 *S&D Magazine* (January), *France TV Outre-Mer* (January, October), *France Culture* (Septembre), *Radio France International* (November)
- 2020 *Agenzia Italia* (June), *Observatoire des communes de Nouvelle-Calédonie* (August), *RFI* (Sept.), *Les Echos* (Dec.)
- 2019 *Libération* (May, Sept.), *GoodPlanet Info* (Sept.), *The BBC* (Sept.), *L'Obs* (Sept.), *Reporterre* (Sept.), *Le Monde* (Sept.), *L'Express* (Sept.), *EFE-Spain* (Sept.), *French Ministry of the Environment* (Sept., [video](#)), *el Àgora* (Sept.), *Nobbot Spain* (Nov.), *L'Opinion* (Nov.)



- 2018 *La Croix* (January), *Outre-Mer Première* (January), *Libération* (September), *Usbek & Rica* (October), *Phys.Org* (October), *Live News* (October), *Environnement magazine* (October), *Le Figaro* (October), *ABC Energias* (October), *Science Daily* (October), *Radio Classique* (October), *Boukan Guyane* (December)
- 2017 *Le Monde.fr* (October), *Radio Méditerranée Internationale* (November), *Outre-Mer Première* (December)
- 2016 *Carbon Brief* (May), *RFI Brazil* (May), *Media Terre* (May), *Liberation* (September), *La Croix* (November).
- 2015 *Radio France International* (Mars), *Sciences et Avenir* (July), *Terra Eco* (July, October), *Futura Science* (July), *i24 News* (July), *Tahiti News* (July), *Ouest France* (July), *Ocean Acidification Network* (September), *Terra Eco* (Juillet, October), *Outre-Mer 1<sup>ère</sup>* (October, December), *Slate.fr* (October), *RFI* (December).
- 2014 *Europe 1* (January), *Radio Classique* (February), *RCF 17* (March), *Sud-Ouest* (April), *Radio France International* (April), *France Inter* (April), *France Culture* (July, October), *L'actualité Poitou-Charentes* (October), *Radio Suisse Romande* (December).
- 2013 *France Télévisions-Radio Outre-Mer* (January), *Radio Television Suisse* (October), *Sud-Ouest* (October).
- 2012 *France Culture* (February), *Eco-Cité webmagazine* (February), *Sciences et Vie Junior* (February), *Radio Suisse Romande* (February), *Radio Television Suisse* (February), *Radio Notre-Dame* (March), *Terre.TV* (April), *Démocratie Durable website* (April), *Bastamag.net* (April), *Radio Fréquence Protestante* (June), *Radio France International* (August), *Revue Long Court-L'Express* (November), *France Télévisions-Radio Outre-Mer* (December).
- 2011 *Plus belle ma Terre* (December), *Bioaddict.fr* (December).
- 2010 *L'Express Mauricien* (July, August, October).
- 2009 *Afrique Magazine* (July), *Galiléo Véolia* (October), *Terra Eco* (November), *Le Monde.fr* (December), *Radio France International* (December).

### Animated movies

- 2018 *Ocean for Climate* (with J.-P. Gattuso), 3'26. In French (<https://www.youtube.com/watch?v=k4gANMDzMC4>), English (<https://www.youtube.com/watch?v=j3ONbYKUBE>), Arabic ([https://www.youtube.com/watch?v=AUOxpMw\\_kU](https://www.youtube.com/watch?v=AUOxpMw_kU)), Chinese ([https://www.youtube.com/watch?v=6V\\_yt2kKQg](https://www.youtube.com/watch?v=6V_yt2kKQg)) and Spanish (<https://www.youtube.com/watch?v=B4AUZtVmDEY>).
- 2015 *Blue Ocean* (with J.-P. Gattuso), 2'50. In French ([https://youtu.be/dsncyks\\_nkE](https://youtu.be/dsncyks_nkE)), English ([https://youtu.be/1wu\\_ep71-qU](https://youtu.be/1wu_ep71-qU)), Arabic (<https://youtu.be/EP7ywOmzCjM>), Chinese (<https://youtu.be/9pH4NEoG3lc>) and Spanish (<https://youtu.be/mQeZHjYkwyc>).

### Other interventions

- 2012 *Festival Sciences Frontières* (<http://www.sciencefrontieres.com>, October).

### Consulting contracts

- 09.2012 *Consultant, SEI-UN/ISDR* (Stockholm Environment Institute, United Nations Environment Programme and International Strategy for Disaster Reduction) – Writeshop and Mentorship Programme to Support Developing Country Publications on Disaster Risk Reduction and Adaptation to Climate Change, 2010-2012
- 05.2012 – 09.2012 *Consultant, IOC* (Indian Ocean Commission, Mauritius)  
Expert report on 'Adaptation to climate change in the Southwest Indian Ocean: a synthesis of the Acclimate Programme'
- 08.2010 – 05.2011 *Consultant, UNDP* (United Nations Environment Programme, Mauritius Office)  
Review of the report 'Livelihood assessment of SEMP (South East Marine Protected Area), Rodrigues Island, Republic of Mauritius'
- 08.2010 – 05.2011 *Consultant, IOM* (International Office for Migration, Mauritius Office)  
Expert report on 'Assessment on innovative opportunities for small enterprises in the environmental and ecological sectors in the Republic of Mauritius', part of the project: *The other migrants: Reducing migration pressure from gradual environmental change – environment and sustainable development in the Republic of Mauritius.*

### Supplementary information

- Languages French (mother tongue), English (fluent)
- Others Scuba diving (level 1)

# List of publications (all)

## Synthesis

Type of publication	Number (released publications)
Peer-reviewed scientific papers	62
Books	7
Book chapters	42
Significant grey literature	43
Miscellaneous publications	60

## H-index

H-index <a href="#">Research Gate</a> (5 067 citations)	28
H-index <a href="#">Google Scholar</a> (7 452 citations)	34

## Scientific papers in peer-reviewed journals

62. **Magnan A.K.**, Bell R., Duvat V.K.E., Ford J.D., Garschagen M., Haasnoot M., Lacambra C., Losada I., Mach K.J., Noblet M., Parthasarathy D., Sano M., Vincent K., Anisimov A., Hanson S., Jurgilevich A., Nicholls R., Winter G., *Accepted*. Status of global coastal adaptation. *Nature Climate Change*, to be published in November 2023.
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57. Duvat V.K.E., **Magnan A.K.**, Goeldner-Gianella L., Grancher D., Costa S., Maquaire O., Le Cozannet G., Stahl L., Volto N., Pignon-Mussaud C., 2022. Internal relocation as relevant and feasible adaptation strategy in Rangiroa Atoll, French Polynesia. *Scientific Reports*, 12: 14183 [\[Link\]](#).
56. **Magnan A.K.**, Anisimov A., Duvat V.K.E., 2022. Strengthen climate adaptation research globally. *Science*, 376: 1398-1400. [\[Link\]](#).
55. **Magnan A.K.**, Oppenheimer M., Garschagen M., Buchanan M., Duvat V.K.E., Forbes D., Ford J., Lambert E., Sebesvari Z., Petzold J., Renaud F., van de Wal R., Hinkel J., Pörtner H.-O., 2022. Sea-level rise risks and societal adaptation benefits in low-lying coastal areas. *Scientific Reports*, 12: 10677. [\[Link\]](#)
54. **Magnan A.K.**, Viriamu T., Moatty A., Duvat V.K.E., Le Cozannet G., Stahl L., Anisimov A., 2022. The climate change policy integration challenge in French Polynesia, Central Pacific Ocean. *Regional Environmental Change*, 22: 76. [\[Link\]](#).
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- Steneck B., Voolstra C.R., Wachenfeld D., Gattuso J.-P., 2021. Designing a blueprint for coral reef survival. *Biological Conservation*, 257, 109107. [\[Link\]](#)
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48. Duvat V.K.E., **Magnan A.K.**, Perry C.T., Spencer T., Bell J.D., Wabnitz C.C.C., Webb A., White I., McInnes K., Gattuso J.-P., Graham N.A.J., Nunn P.D., Le Cozannet G., 2021. Risk to future atoll habitability from climate-driven environmental changes. *WIREs Climate Change*, e700. [\[Link\]](#)
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45. Zommers Z., Marbaix P., Fischlin A., Ibrahim Z.Z., Grant S., **Magnan A.K.**, O'Neill B., Pörtner H.-O., Howden M., Calvin K., Warner K., Thiery W., Sebesvari Z., Davin E., Evans J., Rosenzweig C., Warren R., Hulbert M., Patwardhan A., van Aaslt M., 2020. Burning Embers: Towards more transparent and robust climate change risk assessments. *Nature Reviews Earth & Environment*, 1: 516-529 [\[Link\]](#)
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13. **Magnan A.**, 2010. Proposta di ricerca per capire la capacità di adattamento al cambiamento climatico. *Il Polo*, LXV (1): 73-99.
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13. Gattuso J.-P., **Magnan A.K.**, 2015. L'océan, acteur et victime du changement climatique. In: Etienne J. et Gabrié C. (Eds.) *Les écosystèmes marins dans la régulation du climat*. Fonds français pour l'environnement mondial: 44-45.
12. Bopp L., **Magnan A.K.**, Gattuso J.-P., 2015. Océan et climat : un duo inséparable. *Pour la Science*, 89 (octobre-décembre): 34-40.
11. **Magnan A.**, 2015. La communauté Océan se mobilise pour la COP21. *Blog Climat 365*, 20.02.2015
10. **Magnan A.**, Duvat V., 2014. Japon : quelle résilience après la catastrophe ? *La Recherche*, 485 (mars): 69-72.
9. **Magnan A.**, 2014. Catastrophe « à retardement » au Bangladesh. *Slate-fr*, publié le 25/02/2014.
8. Duvat V., **Magnan A.**, 2013. *Back to the Future: from trajectories of vulnerability to adaptation to climate change*. Background paper pour l'atelier scientifique *Back to the Future*, 8-11 Oct. 2013, Rochefort/La Rochelle, France.
7. Treyer S., Billé R., Chabason L., **Magnan A.**, 2012. Powerful international science-policy interfaces for sustainable development, *IDDRI Policy Briefs*, 6/12, 4 p.
6. **Magnan A.**, Duvat V., 2011. Could tourism carrying capacity be a useful tool for adapting to climate change? In *Littoral 2010*, EDP Sciences.
5. **Magnan A.**, 2011. Journée de dialogue AFPCN avec le projet européen CapHaz-Net (Symposium Report). *Natures Sciences Sociétés*, 19: 296-299.
4. **Magnan A.**, 2010. *Two key concepts of the society/climate change interface: vulnerability and adaptation*. *IDDRI Syntheses*, 2/10, 4 p.

3. **Magnan A.**, 2008. Subir ... sans réagir ? Réflexions soulevées par la persistance des friches touristiques littorales de l'île de Saint Martin (Petites Antilles). In : *Les littoraux : subir, dire, agir. Actes* du colloque de Lille (2008). Version électronique), 9 p.
2. **Magnan A.**, 2008. *L'adaptation, toile de fond du développement durable*. IDDRI Synthèses, 8/08, 4 p.
1. Billé R., **Magnan A.**, Rochette J., 2008. *Note sur le tourisme durable*. Background paper to the conference « *La GIZC en Méditerranée, du local au régional : comment stopper la perte de biodiversité ?* », MEEDATT/ Conservatoire du littoral (Nice, 18-19/12/2008), 7 p.

# List of communications *(all)*

## Synthesis

Type of communication	Number
(Inter)national scientific conferences	28
Scientific workshops	30
Policy and public conferences	62

## Communications to (inter)national scientific conferences (\* = invited)

- \*28. **Magnan A.K.**, 2023. The enabling conditions of the effectiveness of climate adaptation. Session “Understand adaptation effectiveness for policy-making” (organizer: World Adaptation Science Programme). *Adaptation Futures*, Montréal, 02-06/10/2023.
27. **Magnan A.K.**, 2023. Reflexions around assessing the effectiveness of climate adaptation. Session “Adaptation Effectiveness” (organizer: J. Lawrence). *Adaptation Futures*, Montréal, 02-06/10/2023.
26. **Magnan A.K.**, 2022. Trajectoires d’adaptation et jeux sérieux: quelques réflexions. Journée d’étude “Jeux sérieux et simulation participative” du Réseau d’Observation du Littoral Normandie-Hauts de France, virtuel, 18/11/2022.
- \*25. **Magnan A.K.**, 2021. S’adapter au changement climatique. Colloque du Centre International de Recherche 4, Clermont-Ferrand, France, 25-26/11/2021.
24. Special session (co-organizers: Hobday A., **Magnan A.K.**) *Adaptation in marine socio-ecological systems*, 2019 IMBER Open Science Conference, Brest, France, 15-21/06/2019.
23. Duvat V.K.E., **Magnan A.K.**, Canavesio R., 2017. La reconstruction de chaînes d'impacts au service de l'évaluation de la résilience des territoires et de la réduction des risques météo-marins : le cas des atolls des Tuamotu, Polynésie française. Colloque SHF "RDT 2017", 10-11 octobre 2017, Paris, France.
22. Gattuso J.-P., **Magnan A.K.**, 2016. Implications of the climate Paris Agreement for the ocean. *INRH workshop “Global warming and ocean acidification”*, 30 May-01 June 2016, Casablanca, Maroc.
21. **Magnan A.**, 2014. (In)certitudes et adaptation au changement climatique. (*Incertitudes et adaptation au climat futur*, 17-18 Novembre 2014, Paris-Meudon, France).
20. **Magnan A.**, 2012. The “chain of impacts” of the 3.11 triple disaster in Japan. *Risk after Fukushima: crises, disasters and governance*. International Conference, 17-18 September 2012, Paris, France.
19. **Magnan A.**, 2012. Ex ante assessment of adaptation to climate change projects. *Adaptation Futures Conference*, 29-31 Mat 2012, Tuscon, Arizona, USA.
18. **Magnan A.**, Duvat V., Garnier E., 2011. Is vulnerability to climate change measurable? *LOICZ Open Science Conference*, 12-15 September 2011, Yantai, China.
17. **Magnan A.**, 2011. A holistic and integrated framework for assessing adaptive capacity to climate change. *LOICZ Open Science Conference*, 12-15 September 2011, Yantai, China.
16. **Magnan A.**, 2010. S’adapter demain passe aussi par être plus résilient aujourd’hui. Les échelles de temps de l’adaptation au changement climatique. IRD: “*Sociétés et catastrophes naturelles*”, 30/09-1/10/2010, Orléans, France.
15. **Magnan A.**, Duvat V., 2010. Could tourism carrying capacity be a useful toll for adapting to climate change? *Littoral 2010 – “Adapting to global change at the coast: Leadership, Innovation, and Investment”*, 20-23/09/2010, London, UK.
14. **Magnan A.**, 2010. Coastal tourism, climate change uncertainties and adaptation options. *Fourth international conference on sustainable tourism “Sustainable Tourism 2010”*, New Forest (UK), 5-7/07/2010.
13. Garnaud B., Billé R., Gemenne F., **Magnan A.**, 2010. Three (influential but) misleading ideas about adaptation to climate change. “*Climate Change Adaptation Futures: preparing for the unavoidable impacts of climate change*”, 29/06-01/07/2010, Gold Coast, Australia.

12. **Magnan A.**, 2010. A conceptual framework for understanding adaptive capacity to climate change. *“Climate Change Adaptation Futures: preparing for the unavoidable impacts of climate change”*, 29/06-01/07/2010, Gold Coast, Australia.
11. Duvat V., **Magnan A.**, 2009. Coastal vulnerability assessment in Djerba (Tunisia). *Ninth International Conference on the Mediterranean Coastal Environment, MedCoast 2009*, 10-14/11/2009, Sochi, Russia.
10. **Magnan A.**, 2009. Mediterranean coastal tourism facing climate change uncertainties. *Ninth International Conference on the Mediterranean Coastal Environment, MedCoast 2009*, 10-14/11/2009, Sochi, Russia.
9. **Magnan A.**, Billé R., 2009. Face au changement climatique, quelles stratégies d'adaptation pour le tourisme littoral méditerranéen ? Colloque « *Le développement durable dans l'espace méditerranéen* », Marseille (France), 11-12/06/2009.
8. Rochette J., **Magnan A.**, Billé R., 2009. Gestion intégrée des zones côtières et adaptation au changement climatique en Méditerranée. Colloque « *Le développement durable dans l'espace méditerranéen* », Marseille (France), 11-12/06/2009.
7. **Magnan A.**, 2008. Assessing vulnerability to climate change in coastal touristic areas: Mediterranean experiences. Colloque « *Littoral 2008 – A changing coast: challenge for the environmental policies* », Venise (Italie), 25-28/11/2008.
6. **Magnan A.**, 2008. Comment aborder la question du changement climatique dans les petites îles tropicales ? *XIIe journées de géographie tropicale*, Bordeaux (France), 16-18/10/2008.
5. **Magnan A.**, Billé R., 2008. La vulnérabilité au changement climatique : réflexions autour des littoraux touristiques de Méditerranée. In : GESTER : *Climat et risques climatiques en Méditerranée*. XXI<sup>e</sup> Congrès de l'Association Internationale de Climatologie, Montpellier (France), 9-13/09/2008.
4. Duvat V., **Magnan A.**, 2008. Innovation, système de production touristique et risques naturels : quelle durabilité de développement pour l'archipel des Maldives ? In : ICOTEM : *Systèmes de production et durabilité dans les Suds*. Colloque international, Poitiers (France), 7-8/02/2008.
3. **Magnan A.**, 2008. Subir ... sans réagir ? Réflexions soulevées par la persistance des friches touristiques littorales de l'île de Saint Martin (Petites Antilles). In : *Les littoraux : subir, dire, agir*. Colloque international, Lille (France), 16-18/01/2008.
2. **Magnan A.**, Duvat V., 2005. À la recherche de l'équilibre : l'intégration, l'adaptation et la résilience comme piliers d'un développement durable des îles-hôtels coralliennes. In : Pagny Bénito-Espinal F. et Bart F. (dir.) : *Les interfaces : ruptures, transitions, mutations*. XI<sup>èmes</sup> Journées de géographie tropicale, Martinique (France), 7-8/11/2005.
1. Cazes-Duvat V., **Magnan A.**, 2003. Développement touristique et préservation des patrimoines dans trois archipels de l'océan Indien : Maldives, Seychelles et Mascareignes. In : Cosaert P. et Bart F. (dir.) : *Patrimoine et développement dans les pays tropicaux*. IX<sup>èmes</sup> Journées de géographie tropicale, La Rochelle (France), 13-15/09/2001.

## Presentations in scientific workshops (\* = invited)

- \*30. **Magnan A.K.**, 2023. A tool to assess adaptation progress at the global level in support to the UNFCCC Global Stocktake, *World Adaptation Science programme talks*, 13/07/2023, virtual.
- \*29. Andrijevich M., **Magnan A.K.**, 2023. Breakout Group “Adaptation Pathways”, *IPCC Scenarios workshop*, 25-27/04/2023, Bangkok, Thailand
- \*28. **Magnan A.K.**, 2022. Ocean-based solutions or climate adaptation. *Ocean-Based Synthesis Initiative* (lead. J.-P. Gattuso & L. Bopp). PPR Ocean, 6-8/12/2022, Paris, France.
- \*27. **Magnan A.K.**, 2022. Transboundary Climate risks in the context of the UNFCCC Global Stocktake. *AWB global partnership workshop*, 10-11/10/2022, London, UK.
- \*26. **Magnan A.K.**, 2020. Vulnérabilité et (mal)adaptation au changement climatique. *École thématique CNRS “Climat et Biodiversité”*. AMURE-CNRS, 30/06/2021, Le Conquet, France.
- \*25. **Magnan A.K.**, 2020. *The Top 10 global Transboundary Climate Risks: avenues for future research*. SEI-ODI-IDDR Adaptation Without Borders scoping meeting, 20-21/02/2020, Paris, France.
- \*24. **Magnan A.K.**, 2020. *Capturing climate change adaptation progress globally*. UNEP Adaptation Gap report scoping meeting, 15-16/01/2020, Copenhagen, Denmark.
- 23. Petzold J., **Magnan A.K.**, 2019. The potential (and limitations) of response scenarios in the IPCC SROCC. Workshop “*Imagined societies and policymakers. The politics of IPCC scenarios and a new role for the social sciences*”, 14-15/10/2019, University of Hamburg, Germany.

- \*22. **Magnan A.K.**, 2018. Assessment of solution space to address areas of key risk. Workshop on *Exploring potential ocean-based solutions to climate change impacts on marine biodiversity and ecosystem services*, organized by the University of British Columbia (Canada), Stanford University (USA) and The Nature Conservancy (USA). Conference on *the Effects of Climate Change on the World's Oceans* (<https://meetings.pices.int/meetings/international/2018/climate-change/background>), Washington DC, USA, 03-08/06/2018.
- \*21. **Magnan A.K.**, 2017. Trajectoires de vulnérabilité et d'adaptation sur les littoraux. *La mer monte*, ALLENI, Paris, 01/12/2017.
- \*20. Round table. Conference *Prospectives autour du littoral*, BRGM-CNRS-IFREMER, Paris, 4-5/09/2017.
- 19. Viriamu T., **Magnan A.K.**, 2017. Construction de scénarios prospectifs d'adaptation au changement climatique : l'exemple de l'île de Tubuai, Polynésie française. Séminaire d'équipe du projet STORISK, La Rochelle (France), 13-15/03/2017.
- 18. **Magnan A.K.**, Ranché M., 2017. Vulnérabilité du bâti et logiques d'aménagement dans les atolls des Tuamotu, Polynésie française. Séminaire d'équipe du projet STORISK, La Rochelle (France), 13-15/03/2017.
- \*17. **Magnan A.K.**, 2017. Long-term vulnerability pathways as a key concept for implementing adaptation policies. IDDRI Scientific Council, Paris, 6/02/2017.
- \*16. **Magnan A.K.**, Salmon C., Duvat V., 2016. Trajectoires de vulnérabilité des littoraux de la Réunion au changement climatique. Séminaire d'équipe du projet STORISK, La Rochelle (France), 12-14/09/2016.
- \*15. **Magnan A.K.**, Gattuso J.-P. 2016 (Poster). Contrasting futures for ocean and society from slow-onset climate-related changes. *8th meeting of the Research Dialogue (D8), SBSTA 44, UNFCCC*, 19 May 2016, Bonn, Germany. Available here: <http://unfccc.int/science/workstreams/research/items/9475.php>.
- \*14. *Planning and assessing adaptation: Frameworks, methods and results* (Parallel Session convener), Conference *Our Common Future Under Climate Change*, UNESCO, Paris, 7-10/07/2015.
- \*13. *Climate Change and Ocean Systems: Impacts and Feedbacks* (Large Parallel Session rapporteur), Conference *Our Common Future Under Climate Change*, UNESCO, Paris, 7-10/07/2015.
- \*12. *Governance, governments and legislation* (Working Group leader), Conference *Third International Workshop on the environmental, social and economic impacts of ocean acidification*, Monaco, 12-14/01/2015.
- 11. **Magnan A.K.**, 2014. *La fabrication des catastrophes « naturelles »*, Colloque-débat *Réduire les risques littoraux et s'adapter au changement climatique*, La Rochelle, France, 2-4/04/2014.
- \*10. **Magnan A.K.**, 2014. *L'atome, les flots et la ville : Fukushima*, PhD seminar, University of Caen-Basse-Normandie/MRSH, Caen, France, 11/03/2014.
- \*9. **Magnan A.K.**, 2013. *The chain of impacts of the 3.11, Japan*, Waseda University workshop on the lessons from Fukushima nuclear accident, Tokyo, Japon, 08/03/2013.
- \*8. **Magnan A.K.**, 2012. *Towards a holistic analysis of environment-induced disasters*, Waseda University workshop on the impacts of Fukushima nuclear accident, Tokyo, Japan, 08/03/2012.
- \*7. **Magnan A.K.**, 2011 (Keynote) *The social dimensions of insular societies' vulnerability and adaptive capacity to climate change*, Regional Congress for Oceania, « The coastal policy strategies in light of adaptation to climate change », organized by the Government of French Polynesia, Tahiti, 12-16/12/2011.
- 6. Duvat V., Pirazzoli P., Woppelmann G., **Magnan A.K.**, 2011. *Les archipels coralliens face au changement climatique : des « systèmes de ressources » vulnérable ?* 4th Congress of the Asia-Pacific Network, Paris, 16/09/2011.
- \*5. Round table *Reducing vulnerability, building resilience*, International Dialogue on Migration 2011: "Climate change, environmental degradation and migration", International Organisation for Migration, Geneva, 29-30/03/2011.
- \*4. **Magnan A.K.**, 2010. *Mieux comprendre les capacités d'adaptation pour bâtir des trajectoires d'adaptation réalistes* », Seminars of the GIS-Climat and UQAM (Université du Québec à Montréal) on « *Adaptation au changement climatique : zones vulnérables* », Paris/Montréal, 15-16/06/2010.
- \*3. Round table *Le développement durable en Méditerranée : singulier et pluriel*. Symposium on *Le développement durable dans l'espace méditerranéen*, Marseille (France), 11-12/06/2009.
- \*2. **Magnan A.K.**, 2019. *Adaptation au changement climatique et trajectoires de développement : quelles passerelles pour la recherche en sciences sociales ?* Workshop *Changements environnementaux et adaptation : un nouveau paradigme ?* CERTOP-CNRS UMR 5044, Toulouse, France, 02/04/2009.
- \*1. Round table *Compromis entre adaptation et développement*, Workshop *Changements climatiques : l'adaptation à l'ordre du jour*, Natures Sciences Sociétés-Dialogues, Paris, France, 7-8/10/2008.

## Presentations in public and policy conferences (\* = invited)

- \*62. **Magnan A.K.**, Les sociétés face au changement climatique : des trajectoires de vulnérabilité à l'adaptation. *Cité des Sciences et de l'Industrie*, Paris, 06/06/2023.
- \*61. **Magnan A.K.**, The Global Adaptation Progress Tracker. Presentation to the Scientific Committee of the *UK Climate Change Committee*, virtual, 19/05/2023.
- \*60. **Magnan A.K.**, Les enjeux de l'adaptation au changement climatique. *Journée d'échanges avec les élus de l'île de la Réunion*, Caisse des Dépôts et AFD, virtuel, 16/05/2023.
- \*59. **Magnan A.K.**, La Réunion face au changement climatique. *Journée d'étude des journalistes environnement de l'île de la Réunion*, Galaxie Press, virtuel, 18/04/2022.
- \*58. Roundtable "Adapting to climate change" (with M. Jauroyon, H. Kieken, A.K. Magnan, B. Pompili). *Université de la Terre*, EGIS, UNESCO, Paris, France, 26/11/2022.
- 57. COP27 side event on COP27 on "Manage and measure adaptation in a context of climate emergency". Organized by IDDRI, AFD and FERDI, Sharm-el-Sheikh, Egypt, 11/11/2022.
- 56. COP27 side event on "Facteurs-clés de succès pour l'adaptation au changement climatique dans le secteur agricole en Afrique de l'Ouest" (with R. Kouame, A.K. Magnan, Y. Zaba, K. Swadgo). Organized by CEDEAO, Sharm-el-Sheikh, Egypt, 11/11/2022.
- \*55. **Magnan A.K.**, Roundtable "Measuring the effectiveness of adaptation. *Global Forum on the Environment and Climate Change*, OECD-IEA, Climate change expert group, virtual, 13/09/2022.
- \*54. **Magnan A.K.**, Risques climatiques et adaptation. *Journée annuelle du Citepa*, CITEPA, virtuel, 30/09/2022
- \*53. Vallejo L., **Magnan A.K.**, Ce que nous dit le rapport du GIEC sur l'adaptation. *Séminaire Env'innov*, Ademe, virtuel, 12/09/2022
- \*52. **Magnan A.K.**, Ce que nous dit le rapport du GIEC sur l'adaptation. *Cycle de séminaires de l'Ademe*, Ademe, virtuel, 08/09/2022
- \*51. Duvat V.K.E., **Magnan A.K.**, La Polynésie française face au changement climatique. Organized by the French Polynesia Energy Unit, Papeete, French Polynesia, 06/07/2022.
- \*50. Duvat V.K.E., **Magnan A.K.**, Enseignements du dernier rapport du GIEC pour l'adaptation en Polynésie française. Invited conference by the President of French Polynesia in the frame of the elaboration of the New Climate Plan of French Polynesia, Papeete, French Polynesia, 04/07/2022.
- \*49. **Magnan A.K.**, Mesurer les progrès d'adaptation au changement climatique. *Conference cycle of the Circle of Economists*, French Development Agency, Paris, France, 16/06/2022.
- \*48. **Magnan A.K.**, The challenge of transformative adaptation, and how to shift from theory to practice. *Cities fit for climate adaptation? Lessons from the new IPCC report* (with M. Pelling, A. Gonzales, T. Matsumoto, N. Fompeyrine, C. Halpern, G. Parrinello), Sciences Po Urban School, Paris, France, 26/04/2022.
- \*47. **Magnan A.K.**, Quelques enseignements-clé du dernier rapport du GIEC. *Act for Change*, GRDF, Virtual, 11/04/2022.
- 46. Duvat V.K.E., **Magnan A.K.**, Les enseignements du dernier rapport du GIEC : des impacts aux solutions, organized by the Communauté d'Agglomération de La Rochelle and L'aquarium de La Rochelle, La Rochelle, France, 06/04/2022.
- \*45. **Magnan A.K.**, Assessing global progress in climate change adaptation. *Development Co-operation Directorate*, OECD, Virtual, 11/03/2022.
- \*44. Chair round table "Tools for adaptation", organized by the French Presidency of the European Union, Nantes, France, 08/03/2022.
- \*43. **Magnan A.K.**, 2021. Adapting and living together in the face of climate risks to the roundtable, webinar organized by EGIS, Virtual, 16/02/2022.
- \*42. **Magnan A.K.**, 2021. Introduction to the roundtable "Gérer et s'adapter aux risques: mettre en place des stratégies d'adaptation", organized by the Service Public de Wallonie, Mons, Belgium, 02-03/12/2021.
- \*41. **Magnan A.K.**, 2021. Introduction to the roundtable "Anticipating climate change at the coast", organized by CEREMA-ANEL, Virtual, 01/12/2021.
- \*40. **Magnan A.K.**, 2021. Outlook on outcomes of adaptation efforts. Technical workshop of the UNEP Adaptation Gap Report, Virtual, 23/11/2021.
- \*39. **Magnan A.K.**, 2021. Framing and synthesis of the UNEP Adaptation Gap Report 2021, organized by UNEP and DG CLIMA (European Union), Virtual, 19/11/2021.
- \*38. Panel on "the IPAM Adaptation metric platform". UNFCCC COP26, organized by IPAM, Glasgow, 10/11/2021.
- \*37. **Magnan A.K.**, 2021. The GAP-Track approach. UNFCCC COP26; Side event "Adaptation metrics", organized by IPAM, Glasgow, 09/11/2021.



- \*36. **Magnan A.K.**, 2021. Assessing adaptation progress globally. UNFCCC COP26; Side event “Facility Adapt’Action”, organized by AFD, Glasgow, 08/11/2021.
- \*35. **Magnan A.K.**, 2021. Assessing adaptation progress globally: GAMI and GAP-Track. UNEP-NORAD Dialogue on Climate Change Adaptation Metrics and Action, virtual, 25/06/2021.
- \*34. **Magnan A.K.**, 2021. Outlook on outcomes of adaptation efforts. Festival COP2 Etudiants, Virtual, 10/04/2021.
- \*33. **Magnan A.K.**, 2021. Outlook on outcomes of adaptation efforts. In Webinar on « Key findings of the UNEP Adaptation Gap Report 2020 ». Organized by UNEP, Virtual, 29/01/2021.
- \*32. Oppenheimer M., Zommers Z., **Magnan A.K.**, Glavoci B., Jacot des Combes H., van de Wal R., 2020. Information and knowledge gaps addressed in the 2018-19 IPCC Special Reports. First Meeting of the Structured Expert Dialogue (SED) of the second periodic review, UNFCCC, Virtual, 26/11/2020.
- \*31. Side Event (with M. Kato, A. Rastori, A. Reumann). “Are the GCF investments in the SIDS relevant and effective? Takeaways from the SIDS Evaluation”. 27th Meeting of The Global Climate Fund, Independent Evaluation Unit. Virtual, 05/11/2020
- 30. Round Table *L’adaptation des territoires vulnérables*, Forum International de la Météo et du Climat, Paris, France, 30/09/2020.
- 29. Chair of the webinar “rebuilding Marine Life”, with D. Diz (UK), J.-P. Gattuso (France) and N. Knowlton (USA). IDDRI, 02/06/2020.
- \*28. Discussant on the movie « Les naufragés de l’île Jean Charles » (Point Du Jour). Organized by L’E.C.O.L.E de la mer, La Rochelle, France, 26/11/2019.
- \*27. **Magnan A.K.**, 2019. Les principales conclusions du rapport du Giec sur les océans et la cryosphère, volet “risque et adaptation”. French Ministry of the Environment, Paris, France, 25/09/2019.
- \*26. **Magnan A.K.**, 2019. Round table “The main conclusions of the IPCC Special Report on “Ocean and Cryosphere in a Changing Climate”. Organized by the Spanish Ministry of the Environment and Ecological Transition), Madrid, Spain, 26/09/2019.
- \*25. **Magnan A.K.**, 2019. Societal vulnerability and adaptation to climate-related ocean change. The main conclusions of the IPCC Special Report on “Ocean and Cryosphere in a Changing Climate”. Organized by ONERC (French Ministry of the Environment and Ecological Transition), Paris, France, 25/09/2019.
- 24. IPCC Special Report on “Ocean and Cryosphere in a Changing Climate” approval session, Monaco, 20-24/09/2019.
- \*23. Round Table *Blue Futures for the Pacific islands*, Organized by the New Zealand Embassy in France, Musée du Quai Branly, Paris, France, 26/06/2019.
- \*22 **Magnan A.K.**, 2018. Moderator of the round table “*Faire avec l’érosion côtière, entre relocalisation et solutions fondées sur la nature*”. Colloque national « Pour l’adaptation des territoires aux changements climatiques: risques - ressources - transition(s) », Marseille, France, 17-19/12/2018.
- \*21. **Magnan A.K.**, 2018. Mission d’information sur la gestion des événements climatiques majeurs dans les zones littorales de l’hexagone et des outre-mer, French National Assembly, Paris, France, 18/01/2018.
- \*20. **Magnan A.K.**, 2017. *Adaptation au changement climatique dans la région Pacifique*, BNP-Paribas Climate Initiative meetings, Paris, France, 05/12/2017. [\[Link\]](#)
- \*19. **Magnan A.K.**, Duvat V.K.E., 2017. *Petites îles, changement climatique et trajectoire d’adaptation*, Conférence AFD, *Les petits Etats insulaires face au changement climatique : la nature peut-elle apporter des solutions ?* Paris, France, 17/11/2017.
- \*18. **Magnan A.K.**, 2017. *Contrasting futures of climate change impacts on the ocean, and ocean-based solutions*. Policy workshop *Towards ocean-related NDCs* (organized by the ‘Because the Ocean’ initiative), UNFCCC COP23, Bonn, Germany, 05/11/2017.
- \*17. **Magnan A.K.**, 2016. *Enhancing global adaptation. Side event Allocating adaptation finance based on structural vulnerability to climate change* (organized par the Ferdi), UNFCCC COP22, Marrakech, Morocco, 15/11/2016.
- \*16. Round Table *Quelles connaissances pour avancer vers quelles solutions ?* 3<sup>èmes</sup> rencontres nationales GIEC-IPBES : Quels liens entre les évaluations scientifiques du GIEC et de l’IPBES et la prise de décision ? Paris, France, 13-14/10/2016.
- \*15. **Magnan A.K.**, 2016 (Keynote, in French). *Adaptation to climate change: starting by doing well what we currently do badly*, 2nd Cross border conference on climate and coastal change, UHINAK, FICOPA, Irun, Spain, 27-28/09/2016.
- \*14. Round Table *L’océan, le poumon essoufflé*, Conférences du Musée des confluences de Lyon, Lyon, France, 24/05/2016.

- \*13. Round Table *Réussir l'adaptation aux changements climatiques : des preuves apportées par la science, à l'engagement croissant de la finance*, Forum International de la Météo et du Climat, Paris, France, 28/05/2016.
- \*12. **Magnan A.K.**, 2015. *The role of the ocean community in post-2015 climate negotiations*. Side event *Changing Oceans and impacts on society* (organized by PML and the EU), UNFCCC COP21, Paris, France, 03/12/2015.
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- \*8. **Magnan A.K.**, 2015. *Panorama des impacts du changement climatique sur l'outre-mer français et solutions d'adaptation ?* Conference *Les outre-mer et le changement climatique*. French Ministry of Overseas Territories, Paris, France, 15/10/2015.
- \*7. **Magnan A.K.**, 2015. *La Science et la Technologie au service de l'adaptation au changement climatique* – Text red by V. Masson-Delmotte. Conference of the Office parlementaire d'évaluation des choix scientifiques et technologiques (OPECST), Commission of the French National Assembly, Paris, France, 24/09/2015.
- \*6. **Magnan A.K.**, 2015. Atolls et élévation du niveau de la mer. Conferences of the Institut Français and the Maison des Cultures du Monde, Paris, France, 10/07/2015.
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- \*4. Round table on The 5th Assessment report of the IPCC (with J. Jouzel, V. Masson-Delmotte and P. Dandin), Sustainable Development Commission of the French National Assembly, Paris, 27/11/2013 - <http://videos.assemblee-nationale.fr/video.4933.1956728>.
- \*3. Acclimate Conference on *Adaptation au changement climatique dans les îles du Sud-Ouest de l'océan Indien* (présidence de séances et animation des débats), organisé par la Commission de l'océan Indien et la Région Réunion, Saint-Denis de la Réunion, 12-13/12/2012.
2. Duvat V., **Magnan A.K.**, 2012. *Ces îles qui pourraient disparaître*. General public conference, Centre International de la Mer de la Corderie Royale de Rochefort, France, 19/10/2012.
- \*1. Round table *S'adapter collectivement au changement climatique*, Forum on Science, Research and Society, La Recherche & Le Monde, Collège de France, Paris, France, 16/06/2011.
- \*53. Vallejo L., **Magnan A.K.**, Ce que nous dit le rapport du GIEC sur l'adaptation. *Séminaire Env'innov*, Ademe, virtuel, 12/09/2022
- \*52. **Magnan A.K.**, Ce que nous dit le rapport du GIEC sur l'adaptation. *Cycle de séminaires de l'Ademe*, Ademe, virtuel, 08/09/2022
- \*51. Duvat V.K.E., **Magnan A.K.**, La Polynésie française face au changement climatique. Organized by the French Polynesia Energy Unit, Papeete, French Polynesia, 06/07/2022.
- \*50. Duvat V.K.E., **Magnan A.K.**, Enseignements du dernier rapport du GIEC pour l'adaptation en Polynésie française. Invited conference by the President of French Polynesia in the frame of the elaboration of the New Climate Plan of French Polynesia, Papeete, French Polynesia, 04/07/2022.
- \*49. **Magnan A.K.**, Mesurer les progrès d'adaptation au changement climatique. *Conference cycle of the Circle of Economists*, French Development Agency, Paris, France, 16/06/2022.
- \*48. **Magnan A.K.**, The challenge of transformative adaptation, and how to shift from theory to practice. *Cities fit for climate adaptation? Lessons from the new IPCC report* (with M. Pelling, A. Gonzales, T. Matsumoto, N. Fompeyrine, C. Halpern, G. Parrinello), Sciences Po Urban School, Paris, France, 26/04/2022.
- \*47. **Magnan A.K.**, Quelques enseignements-clé du dernier rapport du GIEC. *Act for Change*, GRDF, Virtual, 11/04/2022.
46. Duvat V.K.E., **Magnan A.K.**, Les enseignements du dernier rapport du GIEC : des impacts aux solutions, organized by the Communauté d'Agglomération de La Rochelle and L'aquarium de La Rochelle, La Rochelle, France, 06/04/2022.
- \*45. **Magnan A.K.**, Assessing global progress in climate change adaptation. *Development Co-operation Directorate*, OECD, Virtual, 11/03/2022.

- \*44. Chair round table “Tools for adaptation”, organized by the French Presidency of the European Union, Nantes, France, 08/03/2022.
- \*43. **Magnan A.K.**, 2021. Adapting and living together in the face of climate risks to the roundtable, webinar organized by EGIS, Virtual, 16/02/2022.
- \*42. **Magnan A.K.**, 2021. Introduction to the roundtable “Gérer et s’adapter aux risques: mettre en place des stratégies d’adaptation”, organized by the Service Public de Wallonie, Mons, Belgium, 02-03/12/2021.
- \*41. **Magnan A.K.**, 2021. Introduction to the roundtable “Anticipating climate change at the coast”, organized by CEREMA-ANEL, Virtual, 01/12/2021.
- \*40. **Magnan A.K.**, 2021. Outlook on outcomes of adaptation efforts. Technical workshop of the UNEP Adaptation Gap Report, Virtual, 23/11/2021.
- \*39. **Magnan A.K.**, 2021. Framing and synthesis of the UNEP Adaptation Gap Report 2021, organized by UNEP and DG CLIMA (European Union), Virtual, 19/11/2021.
- \*38. Panel on “the IPAM Adaptation metric platform”. UNFCCC COP26, organized by IPAM, Glasgow, 10/11/2021.
- \*37. **Magnan A.K.**, 2021. The GAP-Track approach. UNFCCC COP26; Side event “Adaptation metrics”, organized by IPAM, Glasgow, 09/11/2021.
- \*36. **Magnan A.K.**, 2021. Assessing adaptation progress globally. UNFCCC COP26; Side event “Facility Adapt’Action”, organized by AFD, Glasgow, 08/11/2021.
- \*35. **Magnan A.K.**, 2021. Assessing adaptation progress globally: GAMI and GAP-Track. UNEP-NORAD Dialogue on Climate Change Adaptation Metrics and Action, virtual, 25/06/2021.
- \*34. **Magnan A.K.**, 2021. Outlook on outcomes of adaptation efforts. Festival COP2 Etudiants, Virtual, 10/04/2021.
- \*33. **Magnan A.K.**, 2021. Outlook on outcomes of adaptation efforts. In Webinar on « Key findings of the UNEP Adaptation Gap Report 2020 ». Organized by UNEP, Virtual, 29/01/2021.
- \*32. Oppenheimer M., Zommers Z., **Magnan A.K.**, Glavoci B., Jacot des Combes H., van de Wal R., 2020. Information and knowledge gaps addressed in the 2018-19 IPCC Special Reports. First Meeting of the Structured Expert Dialogue (SED) of the second periodic review, UNFCCC, Virtual, 26/11/2020.
- \*31. Side Event (with M. Kato, A. Rastori, A. Reumann). “Are the GCF investments in the SIDS relevant and effective? Takeaways from the SIDS Evaluation”. 27th Meeting of The Global Climate Fund, Independent Evaluation Unit. Virtual, 05/11/2020
- 30. Round Table *L’adaptation des territoires vulnérables*, Forum International de la Météo et du Climat, Paris, France, 30/09/2020.
- 29. Chair of the webinar “rebuilding Marine Life”, with D. Diz (UK), J.-P. Gattuso (France) and N. Knowlton (USA). IDDRI, 02/06/2020.
- \*28. Discussant on the movie « Les naufragés de l’île Jean Charles » (Point Du Jour). Organized by L’E.C.O.L.E de la mer, La Rochelle, France, 26/11/2019.
- \*27. **Magnan A.K.**, 2019. Les principales conclusions du rapport du Giec sur les océans et la cryosphère, volet “risque et adaptation”. French Ministry of the Environment, Paris, France, 25/09/2019.
- \*26. **Magnan A.K.**, 2019. Round table “The main conclusions of the IPCC Special Report on “Ocean and Cryosphere in a Changing Climate”. Organized by the Spanish Ministry of the Environment and Ecological Transition), Madrid, Spain, 26/09/2019.
- \*25. **Magnan A.K.**, 2019. Societal vulnerability and adaptation to climate-related ocean change. The main conclusions of the IPCC Special Report on “Ocean and Cryosphere in a Changing Climate”. Organized by ONERC (French Ministry of the Environment and Ecological Transition), Paris, France, 25/09/2019.
- 24. IPCC Special Report on “Ocean and Cryosphere in a Changing Climate” approval session, Monaco, 20-24/09/2019.
- \*23. Round Table *Blue Futures for the Pacific islands*, Organized by the New Zealand Embassy in France, Musée du Quai Branly, Paris, France, 26/06/2019.
- \*22 **Magnan A.K.**, 2018. Moderator of the round table “Faire avec l’érosion côtière, entre relocalisation et solutions fondées sur la nature”. Colloque national « Pour l’adaptation des territoires aux changements climatiques: risques - ressources - transition(s) », Marseille, France, 17-19/12/2018.
- \*21. **Magnan A.K.**, 2018. Mission d’information sur la gestion des événements climatiques majeurs dans les zones littorales de l’hexagone et des outre-mer, French National Assembly, Paris, France, 18/01/2018.
- \*20. **Magnan A.K.**, 2017. *Adaptation au changement climatique dans la région Pacifique*, BNP-Paribas Climate Initiative meetings, Paris, France, 05/12/2017. [\[Link\]](#)
- \*19. **Magnan A.K.**, Duvat V.K.E., 2017. *Petites îles, changement climatique et trajectoire d’adaptation*, Conférence AFD, *Les petits Etats insulaires face au changement climatique : la nature peut-elle apporter des solutions ?* Paris, France, 17/11/2017.

- \*18. **Magnan A.K.**, 2017. *Contrasting futures of climate change impacts on the ocean, and ocean-based solutions*. Policy workshop *Towards ocean-related NDCs* (organized by the 'Because the Ocean' initiative), UNFCCC COP23, Bonn, Germany, 05/11/2017.
- \*17. **Magnan A.K.**, 2016. *Enhancing global adaptation*. Side event *Allocating adaptation finance based on structural vulnerability to climate change* (organized par the Ferdi), UNFCCC COP22, Marrakech, Morocco, 15/11/2016.
- \*16. Round Table *Quelles connaissances pour avancer vers quelles solutions ? 3<sup>èmes</sup> rencontres nationales GIEC-IPBES : Quels liens entre les évaluations scientifiques du GIEC et de l'IPBES et la prise de décision ?* Paris, France, 13-14/10/2016.
- \*15. **Magnan A.K.**, 2016 (Keynote, in French). *Adaptation to climate change: staring by doing well what we currently do badly*, 2nd Cross border conference on climate and coastal change, UHINAK, FICOBA, Irun, Spain, 27-28/09/2016.
- \*14. Round Table *L'océan, le poumon essoufflé*, Conférences du Musée des confluences de Lyon, Lyon, France, 24/05/2016.
- \*13. Round Table *Réussir l'adaptation aux changements climatiques : des preuves apportées par la science, à l'engagement croissant de la finance*, Forum International de la Météo et du Climat, Paris, France, 28/05/2016.
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