

Janvier 2025

ANNY CAZENAVE - CURRICULUM VITAE

Laboratoire d'Etudes en Géophysique et Océanographie Spatiales (LEGOS)

Centre National d'Etudes Spatiales (CNES)

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<https://www.academie-sciences.fr/fr/Liste-des-membres-de-l-Academie-des-sciences/-/C/anny-cazenave.html>

DIPLOMES

- Doctorat d'Etat en Géophysique (Rotation de la Terre), Université Paul Sabatier, Toulouse, 1975.

FONCTIONS

- Chercheur émérite au LEGOS, Unité Mixte de Recherche CNES-CNRS-IRD-Université Toulouse 3 (UMR5566), Observatoire Midi-Pyrénées, Toulouse
- Directeur pour les Sciences de la Terre à ISSI (*International Space Science Institute*), Berne, Suisse (2013-2021)
- Professeur invité au Collège de France : Chaire annuelle 2012-2013 'Développement Durable- Environnement, Energie et Société' (2012-2013)
- Directrice-adjointe du LEGOS (1996-2007)
- Responsable de l'équipe de recherche GOHS (Géophysique, Océanographie et Hydrologie Spatiales) au LEGOS jusqu'en 2009
- Chef du Service 'LEGOS' –SI/LG- à la Sous Direction SI 'Charges Utiles Scientifiques et Imagerie' du Centre Spatial de Toulouse (2004-2006)
- Chef du Département 'Géophysique et Océanographie Spatiales' de la Division 'Géodésie Spatiale' au Centre Spatial de Toulouse jusqu'en 2004
- Ingénieur CNES, détachée au GRGS (Groupe de Recherche en Géodésie Spatiale) depuis 1970

DOMAINES DE RECHERCHE

Géodésie, Géophysique, Océanographie et Hydrologie Spatiales & Climat ; Utilisation des techniques spatiales en sciences de la planète, en particulier dans les domaines suivants :

- Mesure et interprétation du champ de gravité terrestre en termes de structure interne du globe (structure mécanique et thermique de la lithosphère océanique; convection dans le manteau; géophysique marine; topographie sous-marine)
- Marées terrestres et océaniques
- Mouvements des plaques tectoniques ; mouvements verticaux de la surface terrestre
- Rotation de la Terre et mouvement du pôle
- Apport de la géodésie spatiale à l'étude des changements globaux ; variations temporelles du champ de gravité (étude des transferts de matière entre océans, continents, atmosphère et glaces polaires)
- Evolution du niveau actuel de la mer en réponse au changement et à la variabilité climatique (échelles globales, régionales et locales) : mesure par altimétrie spatiale et marégraphie ; étude des causes climatiques : réchauffement des océans, fonte des glaces continentales, variations des stocks d'eaux continentales ; facteurs liés aux déformations de la terre solide ; Projections ; Etudes des impacts côtiers
- Utilisation des techniques spatiales (altimétrie, gravimétrie spatiale, micro-ondes, imagerie) pour l'hydrologie continentale et à l'étude du cycle global de l'eau

PUBLICATIONS

265+ articles dans les journaux à comité de lecture (listés en annexe); 18 900 citations ; Hindex= 69 (ISI web of sciences, janvier 2025).

Editeur de 12 livres, dont: (1) 'Global Change in Africa; role of space observations', Cazenave et al., Edts, Space science series of ISSI, Springer, 2023; (2) 'Probing the Earth's deep interior using in synergy observations of the Earth's gravity and magnetic fields, and of the Earth's rotation', Dehant, Manda, Cazenave et al., eds, Space science series of ISSI, Springer, 2023; (3) 'Geohazards and Risks Studied from Earth Observations', Lopez, Cazenave et al., eds, Space science series of ISSI, Springer, 2021; (4) 'Coastal Sea Level and Open Ocean Processes', Cazenave et al. eds, Space science series of ISSI, Springer, 2020; (5) 'Measurement of Forest Properties for Carbon Cycle Research', Cazenave et al. eds, Space science series of ISSI, Springer, 2019; (6) 'Satellite altimetry over oceans and land surfaces', Stammer & Cazenave editors, Earth observation of global changes book series, CRC Press, 2018; (7) 'Integrative study of the global mean sea level and its components' Cazenave et al. editors, Space science series of ISSI, Springer, 2017; (8) 'Remote sensing and Water Resources', Cazenave et al. editors, Space science series of ISSI, Springer, 2016; (9) 'Satellite Altimetry and Earth Sciences. A handbook of Techniques and Application, Fu & Cazenave editors, Academic Press, International Geophysics Series, Vol. 69, San Diego, USA, 2001'.

Auteur/co-auteur de: '*Formes et Mouvements de la Terre*', Belin Editions, Paris, 1994 (avec Kurt Feigl); '*La Terre vue de l'espace*', Belin Editions, Paris, 2004 (avec D. Massonnet); '*La Terre et l'environnement observés depuis l'espace*', Collège de France/Fayard, 2013.

ENCADREMENT SCIENTIFIQUE

- **Direction de 28 thèses de doctorat**

S. Daillet (Doctorat, 1984, Ingénieur CNES)
 P. Pinet (Doctorat, 1985, Chercheur CNRS)
 S. Calmant (Doctorat, 1987, Chercheur IRD)
 P. Gaudon (Doctorat, 1988, Ingénieur CNES)
 J.C. Marty (Doctorat, 1989, Ingénieur CNES)
 M. Monnereau (Doctorat, 1990, Chercheur CNRS)
 J.J. Valette (Doctorat, 1992, Ingénieur, Société privée CLS)
 C. Thoraval (Doctorat, 1994, Chercheur CNRS)
 P. Calcagno (Doctorat, 1995, Chercheur BRGM)
 L. Soudarin (Doctorat, 1995, Ingénieur, Société privée CLS)
 P. Gegout (Doctorat, 1995, Chercheur CNRS)
 R. Abarca del Rio (Doctorat, 1997, Professeur à l'Université de Conception, Chili)
 P. Lecroart (Doctorat, 1997, Enseignant-Chercheur, Université de Bordeaux)
 G. Ramillien (Doctorat, 1998, Chercheur CNRS)
 F. Bouillé (Doctorat, 2000, Ingénieur, Société privée CLS)
 F. Mercier (Doctorat, 2001, Ingénieur, Société privée CLS)
 S. Mangiarrotti (Doctorat 2003, Chercheur IRD)
 C. Cabanes (Doctorat 2003, Ingénieur à l'IFREMER)
 I. de Oliveira Campos (Doctorat 2004, Enseignant-Chercheur, université de Sao Paulo, Brésil)
 T. Ngo-Duc (Doctorat 2005, co-direction avec K. Laval, Chercheur au Vietnam)
 A. Lombard (Doctorat 2005)
 F. Frappart (Doctorat 2006, Chercheur à l'INRAE)
 V. Enjolras (Doctorat 2007, Ingénieur à ThalesAleniaSpace)
 W. Llovel (Doctorat 2010, Chercheur CNRS à l'IFREMER)
 L. Xaxier (2012 ; Ingénieur hydrologue, Univ. Rio, Brésil)
 B. Meyssignac (Doctorat 2012, Ingénieur CNES au LEGOS)
 H. Palanisamy (Doctorat 2016 ; Chercheur à l'OMM, Genève)
 H. B. Dieng (Doctorat 2017 ; Maitre de Conférence à l'université de Ziguinchor, Sénégal)

- Direction de nombreux post-doctorants et de stages d'élèves de DEA/MASTER & écoles d'ingénieurs (ENSAE, ENSTA, Ecole Polytechnique, Ecole Centrale, INSA, Ecole d'ingénieurs géophysiciens de Strasbourg, etc.)

ENSEIGNEMENT

- 1981-2000: Cours de Géodésie et Géophysique Spatiale au DEA « Sciences de la Terre et Environnement », Université Paul Sabatier, Toulouse.
- 1983-1988: Cours de Géodésie Spatiale au DEA de géophysique interne, Université Paris 6.
- 1975-1983: Cours de Géodésie Spatiale à l'Ecole Nationale des Techniques Avancées (ENSTA, Paris)
- 2012-2013 : Enseignement au Collège de France sur 'La Terre et l'environnement observés depuis l'espace', chaire annuelle 'Développement Durable, Environnement, Energie et Société.

APPARTENANCE A DES COMITES D'EVALUATION SCIENTIFIQUE NATIONAUX

Responsabilités nationales ; membre nommé :

- Membre du 'Haut Conseil des Très Grandes Infrastructures de Recherche (HC TGIR), Ministère de l'Enseignement Supérieur, de la Recherche et de l'Innovation (2020-2022)
- Membre du 'Comité d'Orientation Scientifique' de l'Université Toulouse III (2020-2022)
- Expert, Institut des Hautes Etudes de Défense Nationale (IHEDN) (2020)
- Conseil d'Administration de Météo-France (2015-2019)
- Comité d'Orientation Stratégique de l'IRD (2016-2020)
- Conseil Supérieur des Programmes (Ministère de l'Education Nationale) (2013-2016)
- Conseil Scientifique (COMSI) de Météo-France (présidente) (2012-2015)
- Conseil Scientifique de l'Ecole d'Agriculture de Purpan (2012-2016)
- Conseil d'Administration du CNRS (2008-2015)
- Conseil Scientifique de l'Ecole Polytechnique (2014-2016)
- Conseil Scientifique de l'Agence de l'Eau Adour-Garonne (présidente) (2010-2013)
- Conseil Scientifique de l'Institut Océanographique de Monaco (2009-2012)
- Comité Scientifique des Chaires 'Blaise Pascal' de la Région Ile de France (2006-2009)
- Comité Stratégique et Technique de la Flotte française (Ministère de la recherche) (2009-2010)
- Conseil Scientifique de l'Office Parlementaire d'Evaluation des Choix Scientifiques et Technologiques (OPECST) de l'Assemblée Nationale et du Sénat (2002-2010)
- Haut Conseil de l'Observatoire de Paris (2006-2010)
- Comité de recherche (présidente) pour la direction de l'Institut de Physique du Globe de Paris (2009)
- Conseil Scientifique de l'Institut de Physique du Globe de Paris (2004-2009)
- Conseil Scientifique de la Ville de Paris (2003-2008)
- Comité sur la Gouvernance de l'Académie des sciences (2008)
- 'Visiting Committee' de l'Institut de Physique du Globe de Paris (Agence d'Evaluation de la Recherche et de l'Enseignement Supérieur) (2008)
- Comité d'Evaluation de l'Institut Universitaire de France 'Senior' (2005-2006)
- Comité National d'Evaluation de la Recherche (CNER) (1999-2005)
- Conseil National de la Science (CNS) auprès du Ministre de la Recherche (1997-2002)
- Comité de Coordination des Sciences de la Terre et de l'Environnement (CCSPE) auprès de la Direction de la Recherche du Ministère de la Recherche (1997-2003)
- Comité 'Terre-Atmosphère-Océan-Biosphère' du CNES (1993-2003)
- Conseil Scientifique de l'INSU (1996-2000)

- Comité de Perfectionnement de l'Institut Océanographique de Monaco (1995-2001)
- Comité National du CNRS : section 21 (1983-1987) et section 13 (1992-1995)
- Comité des Sciences de la Terre du BRGM (1994-1997)
- Comités de Programme de l'INSU : Imagerie et Structure de la Terre (1988-1992) et Tectoscope-Positionnement (1991-1995)
- Pôle Espace du Conseil Régional de Midi-Pyrénées (1988-1992)

et

- Présidente de l'Action Concertée Incitative (ACI) 'Observation de la Terre' du Ministère de la Recherche (2001-2002)
- Vice présidente du Comité National Français de Géodésie et de Géophysique (CNFGG) (1994-1998)
- Présidente du Conseil Scientifique du GRGS (1986-1992)

RESPONSABILITES INTERNATIONALES

Responsabilités internationales actuelles/récentes :

- Vice-chair du panel d'évaluation des projets 'Synergy' de l'ERC (*European Reserach Council*) (2023-2024)
- Science leader de l'International Team' de l'ISSI (International Space Science Institute) 'Coastal sea level processes' (2024-2025)
- Membre du panel 'Earth Sciences' de l'ESSC (*European Space Science Committee*), ESF (European Science Foundation) (2021-2026)
- Membre du Scientific Advisory Panel du National Sea Level Programme, Centre for Climate Research, Singapour (2019-)
- Membre du "Scientific Advisory Board" du "Centre for Earth Evolution and Dynamics", Université d'Oslo (2018-)

Responsabilités internationales antérieures:

- Directeur pour les sciences de la Terre', ISSI (*International Space Science Institute*), Berne, Suisse (2013-2021)
- Vice Chair du panel d'évaluation des projets 'Synergy' de l'ERC (*European Reserach Council*) (2021-2022)
- Présidente de la section 'Geodesy' de l' AGU (*American Geophysical Union*) (2021-2022)
- Membre du panel « Assessment of Partnership Options for a Small Satellite System for Collecting Scientific Quality Oceanic and Coastal Data », NRC (*National Research Council, The National Academies, USA*) (2021-2022)
- Membre du panel d'évaluation 'Research excellence of NERC's Research Centres', NERC (UK) (2020)
- 'President-Elect', Geodesy Section, AGU (*American Geophysical Union*) (2019- 2020)
- Membre du 'Advisory Committee' de 'Future Earth' (2018-2020)
- Membre du comité "Geodetic Infrastructure" NRC (*National Research Council, The National Academies, USA*) (2017-2019)
- Membre ('Officer') du 'Joint Scientific Committee' du WCRP (*World Climate Research Programme*) (2013-2018)
- Membre du comité "Strategic NASA Science Missions" NRC (*National Research Council, The National Academies, USA*) (2016-2017)
- Membre du 'C. Whitten Medal Committee' de l'AGU (*American Geophysical Union*) (2014-2018)
- Membre du GIEC/IPCC (*Intergovernmental Panel on Climate Change*): 'Lead Author' du chapitre 'Sea Level' du 5^{ème} rapport, Working Group I (2010-2013)
- Membre du GIEC/IPCC (*Intergovernmental Panel on Climate Change*), 'Lead Author' du chapitre 'Oceanic Climate and Sea Level' du 4^{ème} rapport, Working Group I, (2004-2007)

- Membre du Panel ‘Earth System Sciences’ (Advanced Grants) de l’ERC (*European Research Council*) (2008-2015)
- Membre du ‘Scientific Advisory Committee’ du ‘Centre for Climate Dynamics’, Université de Bergen, Norvege (2011-2013)
- Membre du Conseil Scientifique de l’ISSI (*International Space Science Institute*) (2010-2013)
- Membre du panel ‘NASA Earth sciences program assessment’, NRC (*National Research Council, The National Academies, USA*) (2011-2012)
- Membre du Steering Committee de GCOS (*Global Climate Observing System*) (2009-2012)
- Membre du ‘Revelle Medal Committee’ de l’AGU (*American Geophysical Union*) (2011-2012)
- Membre du comité d’évaluation du Hadley Center/MetOffice, UK (2007-2010)
- Membre du Scientific Council de GGOS (*Global Geodetic Observing System*), International Association of Geodesy (2006-2011)
- Membre du panel ‘Space Geodetic Infrastructures’ du NRC (*National Research Council, The National Academies, USA*) (2008-2010)
- ‘Chair’ du ‘Committee on International Award’ de l’AGU (*American Geophysical Union*) (2007-2010)
- ‘International Secretary’ de l’AGU (*American Geophysical Union*) (2002-2006)
- ‘Chair’ du ‘Committee on International Participation’ de l’AGU (*American Geophysical Union*) (2002-2006)
- Membre du panel ‘Water Resources and the Global Hydrological Cycle’; ‘Earth Science and Applications from Space’, ‘Decadal Survey’, NRC (*National Research Council, The National Academies, USA*) (2005-2007)
- Membre du Steering Committee ‘Understanding Sea Level Rise and Variability’, WCRP (*World Climate Research Program*) (2005-2006)
- Membre du panel ‘Climate Change’ de l’AGU (*American Geophysical Union*) (2003)
- Membre du ‘Solid Earth Committee’ du NRC (*National Research Council, The National Academies, USA*) pour l’évaluation du programme spatial de la NASA (2004-2005)
- ‘Chair’, ‘Geodesy Section’ de l’EGS (*European Geophysical Society*) (2000-2004)
- Membre du ‘Whitten Medal Committee’ de l’AGU (*American Geophysical Union*) (2000-2002)
- Membre de l’ESSC (*European Space Science Committee*) de l’ESF (*European Science Foundation*) (1997-2000)
- Membre du ‘Union Fellow Committee’ de l’AGU (*American Geophysical Union*) (1997-1999)
- Chairman du Working Group de l’AIG (*Association Internationale de Géodésie*) sur les variations du champ de gravité terrestre (1995-1999)
- Membre du ‘Macelwane Award Committee’ de l’AGU (*American Geophysical Union*) (1992-1994 ; 1994-1996)
- Membre du Comité de la Recherche Spatiale de l’ESF (*European Science Foundation*) (1986-1989)
- Membre du SSWG (*Solar System Working Group*) de l’Agence Spatiale Européenne (1979-1982)

COORDINATRICE, PRINCIPAL-INVESTIGATEUR OU CO-INVESTIGATEUR DE PROJETS NATIONAUX ET INTERNATIONAUX, ET DE MISSIONS SPATIALES

Actuellement :

- Investigateur principal du projet ERC (*European Research Council*) ‘Synergy’ GRACEFUL (2020-2024)

- Responsable scientifique (Science Leader) du projet ‘Sea Level’ du programme ‘Climate Change Initiative’ –CCI- de l’ ESA (*European Space Agency*); Phase 1 &2 (2011-2017) ; Phase 3 (CCI+) (2019- 2026)
- Partenaire du projet ESA CCI ‘Regional Sea Level Budget Closure’ (2023-2026)

Antérieurement :

- Partenaire du projet ESA CCI ‘Global Sea Level Budget Closure’ (2017- 2021)
- Animatrice du chantier ‘Télédétection et ressources en eau’ du RTRA ‘STAE’ (Réseau Thématique de Recherches Avancées’ ‘Sciences et Technologies pour l’Aéronautique et l’Espace’) (2013-2014)
- Coordinatrice scientifique du projet ANR ‘CECILE’ (Changements Environnementaux côtiers : Impacts de l’élévation du niveau de la mer) regroupant LEGOS, BRGM, CNRM, CERFACS, Université de La Rochelle et SHOM (2010-2013)
- Partenaire scientifique du projet européen (FP7) ‘MONARCH’ (Arctic climate change) (2010-2013)
- Coordinatrice du projet CYMENT (Cycle de l’eau et de la matière dans les bassins versants ; de l’observation spatiale à la modélisation en hydrologie) soutenu par le RTRA ‘STAE’ (Réseau Thématique de Recherches Avancées’ ‘Sciences et Technologies pour l’Aéronautique et de l’Espace’) – 8 laboratoires partenaires- (2008-2011)
- Principal Investigateur de la mission altimétrique EUMETSAT/CNES/NASA ‘Jason-2/Ocean Surface Topography’ sur le thème ‘Niveau de la mer et changement climatique’ (2008-2012)
- Co-Investigateur du projet européen EUROCORES/Topo-Europe de l’ESF (European Science Foundation) sur le thème ‘Sea level change in the Mediterranean Sea area’ (2008-2010)
- Principal Investigateur (P.I.) des missions altimétriques Jason-1 et Topex-Poseidon (CNES/NASA) (1992-2008) (thème : niveau de la mer)
- P.I. des missions altimétriques ERS-1/2 et ENVISAT (ESA) (1991-) (thème : géoïde marin et géophysique marine ; hydrologie continentale)
- Co-investigateur du projet national CASH (Contribution de l’Altimétrie Spatiale à l’Hydrologie) du ‘Réseau Terre Espace’ du Ministère de la Recherche (2001-2004)
- Co-Investigateur du projet européen SELF sur le niveau de la mer en Méditerranée (fin années 1990)
- P.I. Lageos 2 (mission géodésique ‘laser sur satellite’, NASA) (années 1990) (thème : géodésie ; déformations de la croûte terrestre)
- P.I. DORIS (système de positionnement spatial CNES) (années 1990) (thème : positionnement précis)
- P.I. ‘Dynamics of the Solid Earth’ (programme NASA) (années 1980) (thème: déformations de la Terre)
- Co-investigateur des missions altimétriques Geos-3 et Seasat (1975, 1978) (thème: géoïde marin et géophysique marine)
- Responsable scientifique de la mission géodésique STARLETTE (1975) (applications géodésiques)

EDITION DE JOURNAUX SCIENTIFIQUES A COMITE DE LECTURE

- Editeur (member editor) du journal PNAS (Proceedings of the National Academy of Sciences, USA); en cours
- Membre de l’Editorial Board du journal « Scientific Data », Nature Publishing Group ; en cours
- Editeur invité du journal « Surveys in Geophysics » ; en cours
- Editeur de la revue scientifique EOS de l’AGU (2008-2012)
- Editeur associé de « Comptes Rendus Géosciences » (Académie des sciences) (2008- 2010)
- Editeur invité de l’Encyclopedia of Solid Earth Geophysics (Springer) (2010)

- Editeur en Chef de la revue scientifique «Earth and Planetary Science Letters» (1997- 2003)
- Membre de l'Editorial Board de la revue scientifique « Journal of Geodynamics » (1994-1997)
- Membre de l'Editorial Board de la revue scientifique « PAGEOPH » (1989-1994)

CONFERENCES INVITEES

Nombreuses conférences invitées en France et à l'étranger (sélection des conférences internationales invitées depuis 2015) :

2025: Fakir Mohan University, India;
 2024: University of Gliwice, Poland; ESA symposium, Reykjavik, Iceland; Annual Congress of the Geological Society of India, Dharward, India; National Geophysical Research Institute, Hyderabad, India;
 2023: Accademia dei Lincei, Roma, Italy; Cayenne university, French Guiana; Lamont & Columbia university, New York; COSPAR symposium, Singapore; IUGG Symposium, Berlin;
 2022: Africa workshop, Bern; International Astronautical Congress, Paris; European Academy of Sciences, Brussels;
 2021: Shanghai summer school, China; Aligarh Muslim University, India;
 2020: Dutch Earth Sciences Congress, Utrecht, NL; Bern University, Switzerland; CSIR-NGRI Diamond Jubilee, NGRO, Hyderabad, India; European Space Week, European Commission;
 2019: University College, London, UK; ESA Atlantic Workshop, Southampton, UK; Asian School of Environment, University of Singapore; University of Toronto, Canada; University of Bristol, UK; Delft University, NL; UGGI, Montreal, Canada; University of Bern, Switzerland;
 2018: University of Oslo, Norway; University of Liege, Belgium; Shanghai Astronomical Observatory, China; ESA Summer School, Frascati, Italy;
 2017: Royal Academy of sciences, Brussels, Belgium; Academy of sciences, Rabat, Morocco; University of Zurich, Switzerland; University of Hamburg, Germany;
 2016: ESA Living Planet Symposium, Prague, Czechia; CLIVAR open science conference, Qingdao, China; International Conference, Bonaire Island; Academy of sciences, Rabat, Morocco; Environmental Research Center, Bergen, Norway;
 2015: ETH, Zurich, Switzerland; European Climate Research Alliance, Brussels, Belgium; UNESCO, Paris; French Embassy, Miami, USA; Royal Academy of sciences, Stockholm, Sweden;

ORGANISATION DE WORKSHOPS/COLLOQUES INTERNATIONAUX (dernières années)

- Organisation du workshop international 'Global Change in Africa', ISSI (Bern, Suisse, janvier 2021)
- Organisation du workshop international 'Probing the Earth's deep interior using in synergy observations of the Earth's gravity and magnetic fields, and of the Earth's rotation', ISSI (Bern, Suisse, septembre 2020)
- Organisation du workshop international 'Natural and man-made hazards monitoring by Earth Observation missions: current status and scientific gaps', ISSI (Bern, Suisse, avril 2019)
- Organisation du workshop international 'Understanding the relationship between coastal sea level and large-scale ocean circulation', ISSI (Bern, Suisse, mars 2018)
- Organisation d'un forum international 'Monitoring of coastal zones from space', ISSI (Bern, Suisse, octobre 2016)
- Organisation du workshop international 'Integrative study of sea level and components', ISSI (Bern, Suisse, février 2015)
- Organisation du workshop international 'Remote sensing and water resources', ISSI (Bern, Suisse, octobre 2014)

- Organisation du workshop international 'Coastal impacts of climate change and sea level rise' au Collège de France (Paris, juin, 2013)
- Co-convenor de la session 'Ocean dynamics and sea level' du WCRP workshop 'Climate Research in Service to Society' (Denver, oct. 2011)
- Membre du Steering Committee du Workshop GIEC/IPCC 'Sea level rise and ice sheet instabilities' (Kuala-Lumpur, juin 2010)
- Convenor' de sessions aux meetings annuels de l'AGU et de l'EGU au cours des dernières années
- Co-organisatrice du workshop de l'UNESCO on 'Sea Level Change' (2006)
- Organisation du 1^{er} workshop international sur 'Hydrology from Space' (avec le soutien du CNES) (2003)

PRIX ET MEDAILLES

- Honorary Fellow, Geological Society of India, 2024
- Leonardo Da Vinci Prize, European Academy of Sciences (EURASC) (2022)
- WIA (Women In Aerospace)-Europe Outstanding Achievement Award (2022)
- Vetlesen Prize, Columbia University (2020)
- BBVA Foundation Frontiers of Knowledge Award (Climate Change category) (2019)
- Fellow de l'UGGI (*Union Géophysique et Géodesique Internationale*) (2019)
- Grand Prix des Amis de la Cité de l'Espace (2018)
- Nansen Polar Bear Award of the *Norwegian Nansen Center* (2016);
- Prix Georges Lemaître, Université Catholique de Louvain (2015)
- Fellow de l'American Association for the Advancement of Science' (AAAS) (2012)
- 'Bowie Medal' de l'American Geophysical Union (AGU) (2012)
- Prix 'Emile Girardeau' de l'Académie de Marine (2010)
- Prix 'Manley Bendall, Médaille Albert 1^{er} de Monaco', de l'Institut Océanographique (2008)
- Médaille 'Arthur Holmes' de l'European Geosciences Union (2006)
- Médaille 'Vening Meinesz' de l'European Geophysical Society (1999)
- Fellow de l'American Geophysical Union (AGU) (1996)
- Prix Kodak-Pathé-Landucci de l'Académie des Sciences (1996)
- Prix Doisteau-Blutet de l'Académie des Sciences (1990)
- Médaille de Bronze du CNRS (1980)
- Prix Doisteau-Blutet de l'Académie des Sciences (1979)

DISTINCTIONS

- Commandeur de la légion d'Honneur (2018)
- Chevalier des Palmes Académiques (2018)
- Grand Officier de l'Ordre National du Mérite (2015)
- Commandeur dans l'Ordre National du Mérite (2007)
- Officier de la Légion d'Honneur (2010)
- Chevalier de la Légion d'Honneur (2000)
- Officier dans l'Ordre National du Mérite (1997)
- Chevalier dans l'Ordre National du Mérite (1981)

APPARTENANCE A DES ACADEMIES

- Membre de l'Académie des sciences depuis 2004
- Membre de la European Academy of sciences (EURASC) depuis 2022
- Membre étranger de la Royal Society (UK) depuis 2021

- Membre étranger de l'Académie des sciences américaine (*National Academy of Sciences - NAS*) depuis 2008
- Membre étranger de l'Académie Royale de Belgique depuis 2014
- Membre étranger de l'Académie des sciences indienne (*Indian National Sciences Academy - INSA, New Delhi*) depuis 2012
- Membre étranger de la *National Academy of Sciences of India, Allahabad* depuis 2008
- Membre de l'Academia Europaea depuis 1990
- Membre de l'Académie Européenne de l'Air et de l'Espace depuis 1986.
- Membre du Bureau des Longitudes depuis 2014

ANNY CAZENAVE - PUBLICATIONS (Janvier 2025)

265+ 'peer-reviewed' articles; 18 900 citations; H_{index} = 69 (ISI Web of Sciences)

En italique: étudiants en thèse ou post-doctorants sous la direction de A. Cazenave

1. PUBLICATIONS DANS LES JOURNAUX A COMITE DE LECTURE

1. Cazenave A., Pfeffer J., Manda M., Dehant V. and Gillet N., Why is the Earth system oscillating at a 6-year period? *Surveys in Geophysics*, in press, <https://doi.org/10.1007/s10712-024-09874-4>, 2025.
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