

Annex : Publications

Articles in peer-reviewed journals

1. Cazenave A., Dieng H., Meyssignac B., von Schuckmann K., Decharme B. and Berthier E., How fast is sea level rising? Accepted, *Nature Climate Change*, 2014.
2. Cazenave A. and Le Cozannet G., Sea level rise and its coastal impacts, in press, *Earth's Future*, 2014.
3. Palanisamy H., Cazenave A., Meyssignac B., Woppelmann G. and Soudarin L., Regional sea level variability, total relative sea level rise and its impacts on islands and coastal zones of Indian Ocean over the last sixty years, in revision, *Global Planetary Change*, 2014.
4. Dieng H.B., Cazenave A., Messignac B., Henry O., von Schuckmann K. and Lemoine J.M., Effect of La Niña on the global mean sea level and north Pacific ocean mass over 2005-2011, submitted, *J. Geodetic Sciences*, 2014.
5. Henry O., Ablain M., Meyssignac B., Cazenave A., Masters D., Nerem S., Leuliette E. and Garric G., Investigating and reducing differences between the satellite altimetry-based global mean sea level time series provided by different processing groups, in press, *J. of Geodesy*, 2014.
6. Stammer D., Cazenave A., Ponte R. and Tamisiea M., Contemporary regional sea level changes, *Annual Review Marine Sciences*, 5, 21–46, 2013.
7. Le Cozannet G., Garcin M., Petitjean L., Cazenave A., Becker M., Meyssignac B., Walker P., Devilliers C., Lebrun O., Lecacheux S., Baills A., Bulteau T., Yates M., Wöppelmann G., Exploring the relation between sea level rise and shoreline erosion using reconstructions: an example in French Polynesia, in press, *J. Coastal Research*, 65, doi: 10.2112/SI65-361.1 2013.
8. Woppelmann G., Le Cozannet G., de Michele M., Raucoules D., Cazenave A., Garcin M., Hanson S, Marcos M. and Santamaría-Gómez A. Is land subsidence increasing the exposure to sea level rise in Alexandria, Egypt? *Geophys. Res. Lett.*, vol 40, 1–5, doi:10.1002/grl.50568, 2013.
9. Meyssignac B., Lemoine J.M., Cheng M., Cazenave A., Gegout P. and Maisongrande P., Interannual variations in degree-two Earth's gravity coefficients C2,0, C2,2 and S2,2 reveal large-scale mass transfers of climatic origin, *Geophys. Res. Lett.*, 40, 1-6, doi:10.1002/grl.50772, 2013.
10. Prandi P., Ablain M. Cazenave A. and Picot N., Sea level variability in the Arctic Ocean observed by satellite altimetry, in revision, *Ocean Sciences*, 2013.
11. Peng D., Palanisamy H., Cazenave A. and Meyssignac B., Sea level change and variability in the South China Sea over 1950-2009, *Marine Geodesy*, 36:2,164-182, doi: 10.1080/01490419.2013.771595, 2013.
12. Hollmann R. et al. (including Cazenave), The ESA Climate Change Initiative: satellite data records for essential climate variables *Bull. American Meteo. Soc.*, doi: 10.1175/BAMS-D-11-00254., online publication March 2013.
13. Cazenave A., O. Henry, S. Munier, B. Meyssignac, T. Delcroix, W. Llovel, H. Palanisamy and M. Becker, ENSO influence on the global mean sea level over 1993-2010, *Marine Geodesy*, 35(S1), 82–97, 2012.
14. Rahmstorf S., Foster G. and Cazenave A., Comparing climate projections to observations : an update; *Environmental Res. Lett.*, 7, 044035, doi:10.1088/1748-9326/7/4/044035, 2012.
15. Munier S., Palanisamy H., Maisongrande P., Cazenave A. and Wood E., Global runoff over 1993-2009 estimated from coupled Land-Ocean-Atmosphere water budgets and its relation with climate, *Hydrol. Earth Sys. Sci.*, 16, 3647-3658, doi:10.5194/hess-16-3647-2012, 2012.
16. Henry O., P. Prandi, W. Llovel, A. Cazenave, S. Jevrejeva, D. Stammer , B. Meyssignac, N. Koldunov, Sea level variations since 1950 along the coasts of the Arctic Ocean, 117, C06023, doi:10.1029/2011JC007706, *J. Geophys. Res.*, 2012.
17. Meyssignac B. and Cazenave A., Sea level : a review of present-day and recent-past sea level change and variability, *J. Geodyn.*, 58, 96-109, 2012.

18. Meyssignac B., Salas-Melia D, Becker M, Llovel W. and Cazenave A., Spatial trend patterns in observed sea level: internal variability and/or anthropogenic signature ? *Climate of the Past*, 8, 787-802, doi:10.5194/cp-8-787-2012, 2012.
19. Meyssignac B., Becker M., Llovel W., Cazenave A. An assessment of two-dimensional past sea level reconstructions over 1950 -2009 based on tide gauge data and different input sea level grids, *Surveys in Geophysics*, doi:10.1007/s10712-011-9171-x, 2012.
20. Prandi P. Ablain M., Cazenave A. and Picot N., A new estimation of mean sea level in the Arctic Ocean from satellite altimetry, 35(S1), 61-81, *Marine Geodesy*, 2012.
21. Becker M., Meyssignac B., Llovel W., Cazenave A. and Delcroix T. Sea level variations at Tropical Pacific Islands during 1950-2009. *Global and Planetary Change*, 80/81, 85-98, 2012.
22. Palanisamy H., Becker M., Meyssignac B. and Cazenave A., Regional Sea Level Change and Variability in the Caribbean Sea since 1950, *Int. J. Geosci.*, 2(2), 125-133, doi:10.2478/v10156-011-0029-4, 2012.
23. Cazenave A. and Remy F., Sea level and Climate: observation and causes of changes, *Wiley Interdisciplinary Reviews : Climate Change*, vol.2, 647-662, 2011.
24. Llovel W., Meyssignac B. and Cazenave A., Steric sea level variations over 2004-2010 as a function of region and depth; Inference on the ocean mass component in the North Atlantic, *Geophys. Res. Lett.*, 38, L15608, doi:10.1029/2011GL047411, 2011.
25. Biancamaria S., Cazenave A., Mognard N., Llovel W. and Frappart F., Satellite-based high latitudes snow volume trend, variability and contribution to sea level over 1989/2006 , *Global and Planet. Change*, 75, 99-107, doi:10.1016/j.gloplacha2010.10.011, 2011.
26. Becker M. , Meyssignac B., Xavier L., Cazenave A., Alkama R. and Decharme B. , Past terrestrial water storage (1980-2008) in the Amazon Basin reconstructed from GRACE and in situ river gauging data, *Hydrol. Earth Syst. Sci*, 15, 533-546, doi:10.5194/hess-15-533, 2011.
27. Llovel W., Becker M., Cazenave A., Jevrejeva S., Alkama R., Decharme B., Douville H., Ablain M. and Beckley B., Terrestrial waters and sea level variations on interannual time scale, *Global Planet. Change*, 75, 76-82, doi:10.1016/j.gloplacha2010.10.008, 2011.
28. Meyssignac B., Calafat F., Somot S., Rupolo V., Stocchi P., Llovel W. and Cazenave A., Two-dimensional reconstruction of the Mediterranean sea level over 1970 - 2006 from tide gauge data and regional ocean circulation model outputs, *Global Planet. Change*, doi:10.1016/j.gloplacha.2011.03.002, Published on line, 2011.
29. Nicholls R. and Cazenave A., Sea level change and the impacts in coastal zones, *Science*, 328, 1517-1520, 2010.
30. Cazenave A. and Chen J., Time-variable gravity from space and present-day mass redistribution in the Earth system, *Earth Planet. Sci. Lett.*, 298, 263-274, 2010.
31. Cazenave A. and W. Llovel, Contemporary sea level rise, *Annual Rev. of Marine Sciences*, 2, 145-173, 2010.
32. Llovel W., Guinehut S. and Cazenave A., Regional variability in sea level over 2002 – 2009 based on satellite altimetry, Argo float data and GRACE ocean mass, *Ocean Dynamics*, 60, 1193-1204, doi:10.1007/s10236-010-0324-0, 2010.
33. Milly P.C.D., Cazenave A., Famiglietti J., Gornitz V., Laval K., Lettenmaier D., Sahagian D., Wahr J. and Wilson C. Terrestrial water storage contributions to sea level rise and variability, Proceedings of the WCRP workshop ‘Understanding sea level rise and variability’, eds. J. Church, P. Woodworth, T. Aarup and S. Wilson et al., Blackwell Publishing, Inc., 2010.
34. Roemmich D. , J. Willis, J. Gilson, D. Stammer, A. Koehl, T. Yemenis, D. P. Chambers, F. Landerer, J. Marotzke, T. Suzuki, J. Church, A. Cazenave and P. Y Letraon, Global Ocean Warming and Sea Level Rise Proceedings of the WCRP workshop ‘Understanding sea level rise and variability’, eds. J. Church, P. Woodworth, T. Aarup and S. Wilson et al., Blackwell Publishing, Inc. , in press, 2010.
35. Alkama R., Decharme B., Douville H., Becker M., Cazenave A., Sheffield J., Voldoire A., Tyteca S., Le Moigne P., Global evaluation of the ISBA-TRIP continental hydrologic system; Part 1 : a two-fold constraint using GRACE terrestrial water storage estimates and in situ river discharges *J. Hydrometeorology*, 11, 583-600, 2010.

36. Decharme B., Alkama R., Douville H., Becker M., Cazenave A., Sheffield J., Voldoire A., Tyteca S., Le Moigne P., Global evaluation of the ISBA-TRIP continental hydrologic system using GRACE; Part 2 : results, *J. Hydrometeorology*, 11, 601- 617, 2010.
37. Cazenave A., Chambers D., Cippolini P., Fu L.L., Hurrell J., Merrifield M., Nerem S., Plag H.P., Shum C.K. and Willis J., Sea level change : global and regional trends, plenary paper, Proceedings of the OCEANOBS09 workshop, ESA publication, 2010.
38. Llovel W., M. Becker, Cazenave A. and Crétaux J.F., Contribution of land water storage change to global mean sea level from GRACE and satellite altimetry, *C.R. Geosciences*, 342, 179-188, 2010.
39. Xavier L., Becker M., A. Cazenave, Longuevergne L., Llovel W. and O. Rotuno, Interannual variability in water storage over 2003-2008 in the Amazon Basin from GRACE space gravimetry, in situ river level and precipitation data, *Remote Sensing of Environment*, 114, 1629-1637, 2010.
40. Becker M., Cazenave A., Llovel W., and A. Guentner, Recent hydrological behaviour of the East African lakes region from GRACE and satellite altimetry, *C.R. Geosciences*, 342, 223-233, 2010.
41. Prandi P., Cazenave A. and Becker M., Is coastal mean sea level rising faster than the global mean? A comparison between tide gauges and satellite altimetry over 1993-2007, *Geophys. Res. Lett.*, 36, doi:10.1029/2008GL036564, 2009.
42. Cazenave A., Guinehut S., Ramillien G., Llovel W., DoMinh K., Ablain M., Larnicol G. and Lombard A., Sea level budget over 2003-2008; a reevaluation from satellite altimetry, GRACE and Argo data, *Global and Planetary Change*, doi:10.1016/j.gloplacha.2008.10.004, 2009.
43. Ablain M., Cazenave A., DoMinh K., Guinehut S., Llovel W., Lombard A. and Valladeau G., A new assessment of global mean sea level from altimeters highlights a reduction of global slope from 2005 to 2008 in agreement with in-situ measurements, *Ocean Sciences*, 5, 193-201, 2009.
44. Llovel W., Cazenave A., Berge-Nguyen M. and Rogel P., Past sea level reconstruction (1950-2000) using the OPA/NEMO global ocean circulation model, tide gauge and satellite altimetry data, *Climate of the Past*, 5, 1-11, 2009.
45. Ramillien G., Bouhours S., Lombard A., Cazenave A., Flechtner F. and Schmidt R., Land water contributions from GRACE to sea level rise over 2002-2006, *Global and Planetary Change*, 60, 381-392, 2008.
46. Berge-Nguyen M. Cazenave A., Lombard A., Llovel W. and Cretaux J.F., Reconstruction of past decades sea level using tide gauge, altimetry and in situ hydrographic data, *Global and Planetary Change*, 62, 1-13, 2008.
47. Cazenave A., A. Lombard and W. Llovel., Present-day sea level rise: a synthesis, *C.R. Geosciences*, doi:10.1016/j-crte-2008.07.008, 2008.
48. Nerem R.S., A. Cazenave, D.P. Chambers, L.L. Fu, E.W. Leuliette and G.T. Mitchum, Comment on 'Estimating future sea level change from past records' by Nils-Axel Morner, *Global and Planetary Change*, 55, 358-360, 2007.
49. Garcia D., A. Lombard, G. Ramillien and A. Cazenave, Steric sea level variations inferred from combined Topex/Poseidon altimetry and GRACE gravimetry, *PAGEOPH*, 164, 721-731, doi:10.1007/s00024-007-0182y., 2007.
50. Ngo-Duc T., Laval. K., Polcher J., Ramillien G. and A. Cazenave, Validation of the land water storage simulated by Organising Carbon and Hydrology in Dynamic Ecosystems (ORCHIDEE) with Gravity Recovery and Climate Experiment (GRACE) data, *Water Res. Res.*, 43, W04427, doi:10.1029/2006WR004941, 2007.
51. Lombard A., Garcia D., Cazenave A. and Ramillien G., Fletchner, R. Biancale and M. Ishii, Estimation od steric sea level variations from combined GRACE and satellite altimetry data, *Earth Planet. Sci. Lett.*, 254, 194-202, 2007.
52. Alsdorf, D., L.L. Fu, N. Mognard, A. Cazenave, E. Rodriguez, D. Chelton and D. Lettemaier, Measuring global oceans and terrestrial fresh water from space, *EOS*, Transactions, AGU, v88, n24, p253, 2007.
53. Bindoff N., Willebrand J., Artale V., Cazenave A., Gregory J., Gulev S., Hanawa K., Le Quéré C., Levitus S., Nojiri Y., Shum C.K., Talley L., Unnikrishnan A., Observations: oceanic climate and sea level. In: Climate change 2007: The physical Science Basis. Contribution of Working Group I to the Fourth Assessment report of the Intergovernmental Panel on Climate Change [Solomon S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, UK, and New York, USA., pp 385-428, 2007.
54. Rahmstorf S., Cazenave A., Church J.A., Hansen J., Keeling R., Parker D. and Somerville R., Recent climate observations compared to projections, *Science*, vol 316, 709, 10.1126/science.1136843, 2007.
55. Zakharova E., A. Kouraev and A. Cazenave, Amazon river discharge estimated from the Topex/Poseidon altimetry, *C.R. Geosciences*, 338, 188-196, 2006.
56. Schmidt R., Flechtner F., Reigber Ch., Schwintzer P., Gunter A., Doll P., Ramillien G., Cazenave A., Petrovic S., Jochman H. and Wunsch J., GRACE observations of changes in continental water storage, *Global and Planetary Change*, Vol 50/1-2, 112-126, doi:10.1016/j.gloplacha.2004.11.018, 2006.
57. Enjolras V., P. Vincent, J.C. Souyris, E. Rodriguez and A. Cazenave, Performances study of interferometric radar altimeter : from the instrument to the global definition mission, *Sensors*, 6 (3), 164-192, 2006.
58. Lombard A., A. Cazenave, C. Cabanes, S. Guinehut and P.Y. Le Traon, Perspectives on present-day sea level change, *Ocean Dynamics*, 56, 445-451, doi:10.1007/s10236-005-0046-x, 2006.
59. Ramillien G., Frappart F., Guntner A., Ngo-Duc T. and Cazenave A., Mapping time variations of

- evapotranspiration rate from GRACE satellite gravimetry, *Water Resources Research*, 42, W10403, doi:10.1029/2005WR004331, 2006.
60. Frappart F., Dominh K., Lhermitte J., Ramillien G., Cazenave A. and LeToan T., Water volume change in the lower MEKONG basin from satellite altimetry and other remote sensing data, *Geophys. J. Int.*, 167, 570-584, 2006.
 61. Ramillien G., Lombard A., Cazenave A., E. Ivins, M. Llubes, F. Remy and R. Biancale, Interannual variations of ice sheets mass balance from GRACE and sea level, *Global and Planetary Change*, 53, 198-208, 2006.
 62. Nerem S., Leuliette E. and Cazenave A., Present-day sea level change, *C.R. Geosciences*, 338, issue 14-15, 1077-1083, 2006.
 63. Cazenave A. and Boucher C., Observing the Earth from space, *C.R. Geosciences*, 338, issue 14-15, 943-948, 2006.
 64. Cazenave A., How fast are the ice sheets melting?, *Science*, 314, 1250-1252, 2006.
 65. Tiwari V.M., Cabanes C., DoMinh K. and Cazenave A., Sea level in the Indian ocean from Topex/Poseidon altimetry and tide gauges, pp 150-168, *Oceanology*, H.K. Gupta editor, University Press, Hyderabad, 2005.
 66. Kouraev A.V., Papa F., Mognard N.M., Buharizin P.I., Cazenave A., Crétaux J-F., Dozortseva J., Remy F., Synergy of active and passive satellite microwave data for the study of first-year sea ice in the Caspian and Aral seas. *IEEE Transactions on Geoscience and Remote Sensing (TGARS)*, 2005.
 67. Crétaux J-F., Kouraev A.V., Bergé-Nguyen M., Cazenave A., Papa F., Satellite altimetry for monitoring lake level changes, in 'Transboundary Water Resources: Strategies for Regional Security and Ecological Stability', H. Vogtman and Dobretsov (eds), NATO Sciences Series, Springer, 141-146, 2005.
 68. Crétaux J-F., Kouraev A.V., Papa F., Bergé Nguyen M., Cazenave A., Aladin N.V., and Plotnikov I.S., water balance of the Big Aral sea from satellite remote sensing and in situ observations, *Journal of Great Lakes Research*, 31, 520-534, 2005.
 69. Lombard A., Cazenave A., Le Traon P.Y. and Ishii M., Contribution of thermal expansion to present-day sea level rise revisited, *Global and Planetary Change*, 47, 1-16, 2005.
 70. Lombard A., Cazenave A., Dominh K., Cabanes C. and R.S. Nerem, 20th century sea level rise: new estimates of thermal and water mass contributions, *Global and Planetary Change*, 48, 303-312, 2005.
 71. Ngo-Duc T., Laval K., Polcher Y and Cazenave A., Analyses of the contribution of continental water to sea level variations during the 1997-1998 ENSO event; Comparison between the AMIP simulations and the Topex/Poseidon satellite data., *J. Geophys. Res.*, Vol.110, DO9103, doi:10.1029/2004JD004940, 2005.
 72. Evans D., Alpers W., Cazenave A., Elachi A., Farr T., Glackin D., Holt B., Jones L., Liu W.T., McCandless W., Menard Y., Moore R. and Njoku E., Seasat- A 25-year legacy of success, *Remote Sensing of Environment*, 94, 384-404, 2005.
 73. Frappart F., F. Seyler, J.M. Martinez, J. Leon and A. Cazenave, Determination of the water volume in the Negro River sub basin by combination of satellite and in situ data, *Remote Sensing of Environment*, 99, 387-399, 2005.
 74. Cazenave A., Volcanoes and sea level, *Nature*, 438,7064, 35-36, 2005.
 75. Frappart F., Calmant S., Cauhopé M., Seyler F. and Cazenave A., Validation of ENVISAT RA-2 derived water levels over the amazon basin, *Remote Sensing of Environment*, 100, 252-264, 2006.
 76. Frappart F., G. Ramillien, S. Biancamaria, N. Mognard-Campbell and A. Cazenave, Evolution of high-latitude snow mass derived from the GRACE gravimetry mission (2002-2004), *Geophys. Res. Lett.*, 33, L02501, doi:10.1029/2005GL024778, 2006.
 77. Ngo-Duc T., Laval K., Polcher Y., Lombard A. and Cazenave A., Effects of land water storage on the global mean sea level over the last half century, *Geophys. Res. Lett.*, Vol.32, L09704, doi:10.1019/2005GL022719, 2005.
 78. Ramillien G., Frappart F., Cazenave A. and Guentner A., Change in land water storage from 2 years of GRACE satellite data, *Earth and Planetary Science Letters*, 235, 283-301, 2005.
 79. Aladin N.V., Crétaux J-F., Plotnikov I.S., Kouraev A.V., Smurov A.O., Cazenave A., Egorov A.N., Papa F., Modern hydro-biological state of the Small Aral Sea, in press, *Environmetric*, 2005.
 80. Kouraev A.V., Papa F., Mognard N.M., Buharizin P.I., Cazenave A., Crétaux J-F., Dozortseva J., Remy F., Sea ice cover in the Caspian and Aral seas from historical and satellite data, *Journal of Marine System*, 47, 89-100, 2004.
 81. Cazenave A., Milly, P.C.D., Douville H., Beneveniste J., Lettenmaier D. and Kosuth P., International workshop examines the role of space techniques to measure spatio-temporal change in terrestrial waters, *EOS, AGU Trans.*, vol 85, number 6, 10 February 2004.
 82. Kouraev A., Sakharova E. A., Samain O., Mognard-Campbell N. and Cazenave A., Ob' river discharge from Topex/Poseidon satellite altimetry, *Remote Sensing of Environment*, 93, 238-245, 2004.
 83. Ramillien G., A. Cazenave, O. Brunau, Global time variations of hydrological signals from GRACE satellite gravimetry, *Geophys. J. Int.*, 158,813-826, 2004.

84. Tiwari V., Cabanes C, Dominh K and Cazenave A., Correlation of interannual sea level variations in the Indian ocean from Topex/Poseidon altimetry, temperature data and tide gauges with ENSO, *Global and Planetary Change*, 43, 183-196, 2004.
85. Cazenave A and R S Nerem, Present-Day sea level change : observations and causes, *Review of Geophysics*, 42, RG3001, doi : 8755-1209/04/2003RG000139, 2004.
86. Cazenave A., Gennero M.C. and DoMinh K., Present-day sea level rise: from satellite and in situ observations to physical causes, in *Satellite Altimetry for geodesy, geophysics and oceanography*, International Association of Geodesy Symposia, vol. 126, F. Sanso Ed., Springer-Verlag, Berlin, pp.23-33, 2004.
87. Maheu C., Cazenave A. and Mechoso R., Water level fluctuations in the La Plata basin (South America) from Topex/Poseidon altimetry, *Geophys. Res. Lett.*, 30, 3, 2003.
88. Cazenave A., Cabanes C., Dominh K. Gennero M.C. and Le Provost C., Present-day sea level change, in *Earth gravity field from space from sensors to Earth Sciences*, G. Beutler, R. Rummel, M.R. Drinkwater and R. von Steiger, Eds., Space Sciences Series, 108,131-144, Kluwer Academic Publishers, Dordrecht, The Netherlands, 2003.
89. Kouraev A., Papa F., Buharizin.P, Cazenave A., Cretaux, J.F., Dozortseva J. and Remy F., Ice cover variability in the Caspian and Aral seas from active and passive microwave data, *Polar Research.*, 22 (1), 43-50, 2003.
90. Milly P.C.D., A. Cazenave and M.C. Gennero, Contribution of climate-driven change in continental water storage to recent sea level rise, *PNAS Proceedings National Academy Science*, Vol 100, n° 23, 13158-13161, 2003.
91. Mercier F., Cazenave A. and C Maheu, Interannual lake level fluctuations in Africa from Topex-Poseidon : connections with ocean-atmosphere interactions over the Indian ocean, *Global and Planet. Change*, 32, 141-163, 2002.
92. Calmant S., Berge-Nguyen M. and Cazenave A., Global seafloor topography from a least-squares inversion of altimetry-based high-resolution mean sea surface and sparse shipboard soundings, *Geophys. J. Int.*, 151, 795-808, 2002.
93. Cazenave A., Bonnefond P., Dominh K. and Mercier F., Sea level changes in the Mediterranean and Black seas from satellite altimetry, *Global and Planet. Change*, 34, 59-86, 2002.
94. Cazenave A. and S.T. Nerem, Redistributing Earth's mass, *Science*, 297, 783-784, 2002.
95. Cretaux J.F., Soudarin L., Davidson F., Gennero M.C., Berge-Nguyen M. and Cazenave A., Seasonal and interannual geocenter motion from SLR and DORIS measurements: Comparison with surface loading data, *J. Geophys. Res.*, 107,B12, 2374, Doi:10.1029/2002JB001820, 2002.
96. Cazenave A. and Royer J.Y., Application of satellite altimetry to marine geophysics , in 'Satellite altimetry and Earth Sciences ; A handbook of techniques and applications', Ed. L.L. Fu and A. Cazenave, Academic Press, San Diego, USA, 2001.
97. Mangiarotti S., Cazenave A., Soudarin L. and Cretaux J.F., Annual vertical crustal motions predicted from surface mass redistribution and observed by space geodesy, *J. Geophys. Res.*, 106, 4277-4291, 2001.
98. Cabanes C., Cazenave A. and Le Provost C., Sea level changes from Topex-Poseidon Altimetry for 1993-1999, and warming of the southern oceans, *Geophys. Res. Lett.*, 28,9-12, 2001a.
99. Cazenave A., Cabanes C., Dominh K. and Mangiarotti S., Recent sea level change in the Mediterranean sea revealed by satellite altimetry, *Geophys. Res. Lett.*, 28,1607-1610, 2001.
100. Oliveira Campos I., Mercier F., C. Maheu, Cochonneau G., Kosuth P., Blitzkow D. and Cazenave A. and Kosuth P., Temporal variations of river basin waters from Topex-Poseidon satellite altimetry. Application to the Amazon basin, *Comptes Rendus de l'Académie des Sciences*, Serie II, Sciences de la Terre et des planètes, 333, 1-11, 2001.
101. Cabanes C., Cazenave A. and Le Provost C., Sea level rise during past 40 years determined from satellite and in situ observations, *Science*, 294, 840-842, 2001b.
102. Bouille F., Cazenave A, Lemoine J.M. and Cretaux J.F., Geocenter motion measured from The DORIS space system and laser data to the Lageos satellites, and predicted from climatic data, *Geophys. J. Int.*, 143, 71-82, 2000.
103. Cazenave A., The study of the solid Earth and its fluid envelopes by space geodesy techniques, *Comptes Rendus Acad. Sciences*, Tome I, Série IV, 1267-1282, 2000.
104. Cazenave A., Remy F., Dominh K. and Douville H., Global ocean mass variation, continental hydrology and the mass balance of the Antarctica ice sheet at the seasonal time scale, *Geophys. Res. Lett.*, 27, 3755-3758, 2000.
105. Raper S., Cazenave A., Dawson A.G., Frezzotti M., Long A.J., Reeh N., Tooley M., de Wolde J. and Woodworth P., Global changes in the volume and mass of the ocean, in *Sea level change and coastal processes : Implications for Europe*, Edited by. Smith et al., Proceedings of the European Commission, Eur 19337, 2000.
106. Minster J.F., Cazenave A., Serafini Y.V., Mercier F., Gennero M.C. and Rogel P., Annual cycle in mean sea level from Topex-Poseidon and ERS-1 : Inferences on the global hydrological cycle, *Global and Planetary Change*, 20, 57-66, 1999.
107. Soudarin L., Cretaux J.F. and Cazenave A., Vertical crustal motions from the DORIS space geodesy system, *Geophys. Res. Lett.*, 26,1207-1210, 1999.

108. Cazenave A., Dominh K., Soudarin L., Ponchaut F., Cretaux J.F. and Le Provost C., Sea level changes from Topex-Poseidon altimetry and tide gauges, and vertical crustal motions from DORIS, *Geophys. Res. Lett.*, 26, 2077-2080, 1999.
109. Cazenave A., Mercier F., Bouille, F., and Lemoine J.M., Global-scale interactions between the solid Earth and its fluid envelopes at the seasonal time scale, *Earth Planet. Sci. Lett.*, 171, 549-559, 1999.
110. Cazenave. A., Present-Day Variations of the Mean Sea Level, *Comptes Rendus Acad. Sci.*, Earth Planetary Sciences, 329, 457-469, 1999.
111. Ponchaut F. And Cazenave A., Continental lake level variations from Topex/poseidon (1993-1996), *Comptes Rendus Acad. Sciences*, Sciences Terre et Planet. 326, 13-20, 1998.
112. Cretaux J.F., Soudarin L., Cazenave A. And Bouille, Present-day tectonic plate motions and crustal deformations from the DORIS space system, *J. Geophys. Res.*, 103, 30167-30181, 1998.
113. Cazenave A., Dominh K., Gennero M.C. and Ferret B., Global mean sea level changes observed by Topex-Poseidon and ERS-1, *Physics and Chem. Earth*, 23, 1069-1075, 1998.
114. Lecroart P., Cazenave A., Thoraval C. and Ricard Y., Along-Axis dynamic topography constrained by major-element chemistry, *Earth Planet. Sci. Lett.*, 149, 49-56, 1997.
115. Ramillien G. and Cazenave A., Global bathymetry from altimetry data of the ERS-1 geodetic mission, *Journal of Geodynamics*, 23, 129-149, 1997.
116. Cazenave A., Bonnefond P., Dominh K. And Schaeffer P., Caspian sea level from Topex-Poseidon altimetry: Level now falling, *Geophys. Res. Lett.*, 24, 881-884, 1997.
117. Lecroart P., Albarede F. And Cazenave A., Correlations of mid-ocean ridge basalt chemistry with the geoid, *Earth Planet. Sci. Lett.*, 153, 37-55, 1997.
118. Cazenave A., Gegout P, Ferhat G. and Biancale R., Temporal Variations of the Earth Gravity Field from Lageos 1 and Lageos 2 Observations, in "Global Gravity Field and its Temporal Variations", Ed. Rapp, Cazenave and Nerem, IAG Symposium n°116, Springer, Berlin, 1996.
119. Cazenave A., P. Schaeffer, M. Berge, Dominh K. and Gennero M.C., A high resolution mean sea surface with the altimeter data of the ERS-1 geodetic mission and Topex-Poseidon, *Geophys. J. Int.*, 125, 696-704, 1996.
120. Lefebvre M., Cazenave A., Escudier P., Biancale R., Cretaux J.F., Soudarin L. and Valette J J., DORIS space tracking system improves accuracy of geodetic measurements, *EOS*, 77, 25-29, 1996.
121. Barlier F. Le Traon P.Y. et Cazenave A., Point sur les missions d'altimétrie spatiale : Topex-Poseidon et ERS-1. *Comptes Rendus de l'Académie des Sciences*, t 323, Série IIA, 737-753, 1996.
122. Cazenave A., Geoid, Topography and Distribution of Landforms, in "Global Earth Physics, AGU Handbook of Physical Constants, T. Ahrens Ed., AGU. Reference Shelf 1, 1995.
123. Cazenave A., Parsons B., and Calcagno P., Geoid lineations of 1000 km wavelength over the central Pacific, *Geophys. Res. Lett.*, 22, 97-100, 1995.
124. Soudarin L. & Cazenave A., Large-scale tectonic plate motions measured with the DORIS space geodesy system, *Geophys. Res. Lett.*, 22, 469-478, 1995.
125. Thoraval C., Machel P. and Cazenave A., Locally layered convection inferred from dynamical models of the Earth mantle, *Nature*, 375, 777-780, 1995.
126. Cazenave A., Biancale R., Crétaux J.F., Soudarin L., Boucher C., Willis P., Altamini Z., Valette J.J. and Escudier P., Le système spatiale Doris : applications à la géodésie, CNFGG, rapport quadriennal 1991-1994, p. 25-42, 1995.
127. Houry S., Minster J.F., Brossier C., Dominh K., Gennero M.C., Cazenave A. & Vincent P., Radial orbit error reduction and marine geoid computation from the Geosat Altimeter data, *J. Geophys. Res.*, 99, 4519-4533, 1994.
128. Thoraval C., Machel P. & Cazenave A., Influence of mantle compressibility and ocean warping on dynamical models of the geoid, *Geophys. J. Int.*, 117, 566-573, 1994.
129. Cazenave A., & Thoraval C., Upper mantle dynamics from topography, tomography and geoid ; inference on the origin of the pacific superswell. *Earth Planet. Sci. Lett.*, 122, 207-219, 1994.

130. Cazenave A., The Geoid and Oceanic Lithosphere, in 'Geoid and its Geophysical Interpretations', P. Vanic k Ed., CRC Press Inc., 1994.
131. Calcagno P. & Cazenave A., Subsidence rate of the seafloor in the Atlantic and Pacific Oceans: Regional and Large-scale variations, *Earth Planet. Sci. Lett.*, 126, 473-492, 1994.
132. Abarca del Rio R. & Cazenave A., Interannual variations in the Earth's polar motion for 1963-1991; comparison with atmospheric angular momentum over 1980-1991. *Geophys. Res. Lett.*, 21, 2361-2364, 1994.
133. Calcagno P. & Cazenave A., Present and Past regional ridge segmentation: Evidence in geoid data, *Geophys. Res. Lett.*, 20, 1895-1898, 1993.
134. Cazenave A., Gegout P., Soudarin L., Dominh K., Barlier F., Exertier P. & Boudon Y., Geodetic Results from Lageos 1 and Doris satellite data, In "Contributions of Space Geodesy to Geodynamics: Crustal Dynamics", AGU Monograph; Geodynamics Series, Vol 23, 1993.
135. Soudarin L., & Cazenave A., Global Geodesy using DORIS data on SPOT 2, *Geophys. Res. Lett.*, 20, 289-292, 1993.
136. Gegout P. & Cazenave A., Temporal Variations of the Earth Gravity field for 1985-1989 derived from Lageos, *Geophys. J. Int.*, 114, 347-359, 1993.
137. Cazenave A., Houry S., Lago B., & Dominh K., Geosat-derived geoid anomalies at medium wavelength, *J. Geophys. Res.*, 97, 7081-7096, 1992.
138. Cazenave A., Valette J.J. & Boucher C., Positioning results with Doris on SPOT 2 after first year of mission, *J. Geophys. Res.*, 97, 7109-7119, 1992.
139. Valette J.J., Cazenave A., Boucher C., & Gavoret M., Absolute and Relative positioning with the DORIS system first result with DORIS on SPOT 2, *Manuscripta Geodetica*, 17, 36-51, 1992.
140. Biancale R., Cazenave A., & Dominh K., Tectonic plate motions derived from LAGEOS, *Earth Planet. Sci. Lett.*, 103, 379-394, 1991.
141. Cazenave A. & Lago B., Long-wavelength topography, seafloor subsidence and flattening, *Geophys. Res. Lett.*, 18, 1257-1260, 1991.
142. Gegout P. & Cazenave A., Geodynamic parameters derived from 7 years of laser data on Lageos, *Geophys. Res. Lett.*, 18, 1739-1742, 1991.
143. Lago B., Cazenave A. & Marty J.C., Regional variations in subsidence rate of lithospheric plates : implications for thermal cooling models, *Phys. Earth and Planet. Int.*, 61, 253-259, 1990.
144. Monnereau M. & Cazenave A., Depth and geoid anomalies over oceanic hotspots swells : a global survey, *J. Geophys. Res.*, 95, 15429-15438, 1990.
145. Cazenave A., Souriau A. & Dominh K., Global coupling of Earth surface topography with hotspots, geoid and mantle heterogeneities, *Nature*, 340, 54-57, 1989.
146. Marty J.C. & Cazenave A., Regional variations in subsidence rate of oceanic plates : a global analysis, *Earth Planet. Sci. Lett.*, 94, 301-315, 1989.
147. Cazenave A., Dominh K., Rabinowicz M. and Ceuleneer G., Geoid and depth anomalies over ocean swells and troughs: Evidence for an increasing trend of the geoid to depth ratio with age of plate, *J. Geophys. Res.*, 93, 8064-8077, 1988.
148. Ceuleneer G., Rabinowicz M., Monnereau M., Cazenave A. & Rosemberg-Borot C., Viscosity and depth extent of the sublithospheric low-viscosity zone : constraints from geoid and depth over oceanic swells, *Earth Planet. Sci. Lett.*, 89, 84-102, 1988.
149. Marty J.C., Cazenave A., & Lago B., Geoid anomalies across Pacific fracture zones, *Geophys. J.*, 93, 1-23, 1988.
150. Marty J.C. & Cazenave A., Thermal evolution of the lithosphere beneath fracture zones inferred from geoid anomalies, *Geophys. Res. Lett.*, 15, 593-597, 1988.
151. Monnereau M. & Cazenave A., Variation of the apparent compensation depth of hotspot swells with age of plate, *Earth Planet. Sci. Lett.*, 91, 179-197, 1988.
152. Calmant S. & Cazenave A., Anomalous elastic thickness of the oceanic lithosphere in the

- south-central Pacific, *Nature*, 328, 236-238, 1987.
153. Cazenave A., Monnereau M. and Gibert D., Seasat gravity undulations in the central Indian Ocean, *Phys. Earth Planet. Int.*, 48, 130-141, 1987.
 154. Cazenave A. & Dominh K., Global relationship between oceanic geoid and seafloor depth: New results, *Geophys. Res. Lett.*, 14, 1-5, 1987.
 155. Gaudon P. & Cazenave A., Numerical experiments relative to primordial rotations of planets, *Astronomy and Astrophysics*, 173, 183-190, 1987.
 156. Calmant S. & Cazenave A., The elastic lithosphere under the Cook-Austral and Society Islands, *Earth Planet. Sci. Lett.*, 77, 187-202, 1986.
 157. Cazenave A., Rosemberg-Borot C., Rabinowicz M., Geoid lows at deep sea trenches, *J. Geophys. Res.*, 91, 1989-2005, 1986.
 158. Cazenave A. and Okal E.A., Use of satellite altimetry in studies of the oceanic lithosphere, *Space Geod. and Geodyn.*, Ed. A.J. Anderson & A. Cazenave, Academic Press, London, 1986.
 159. Cazenave A., Dominh K., Allegre C., and Marsh J., Global relationship between oceanic geoid and topography, *J. Geophys. Res.*, 91, 11439-11450, 1986.
 160. Okal E. & Cazenave A., A model for the plate tectonics evolution of the Eastcentral Pacific based on Seasat investigations, *Earth Planet. Sci. Lett.*, 72, 99-117, 1985.
 161. Ruff L. & Cazenave A., Geoid anomalies over the Macquerie Ridge complex indicate an unexpected subducted slab, *Physics Earth Planet. Int.*, 38, 59-69, 1985.
 162. Souriau A. & Cazenave A., Reevaluation of the Chandler wobble seismic excitation from recent data, *Earth Planet. Sci. Lett.*, 75, 410-416, 1985.
 163. Spaute D., Lago B., & Cazenave A., Gaseous drag and planetary formation, *Icarus*, 64, 139-162, 1985. Cazenave A., thermal cooling of the oceanic lithosphere: Possible evidence for two distinct trends, *Nature*, 310, 401-403, 1984.
 164. Cazenave A., Thermal cooling of the oceanic lithosphere: New constraints from geoid height data, *Earth Planet. Sci. Lett.*, 70, 395-407, 1984.
 165. Cazenave A & Dominh K., Geoid anomalies above the Louisville Ridge (South Pacific), *J. Geophys. Res.* 89, 11171-11179, 1984.
 166. Cazenave A. & Dominh K., Reply to the critique of Reasenber & Bills on "Elastic Thickness of the Venus lithosphere estimated from topography & gravity", *Geophys. Res. Lett.* 10, 196-198, 1983.
 167. Cazenave A. & Dominh K., Anomalies du géoïde au-dessus de la chaîne sous-marine Louisville ridge (Pacifique Sud); conséquences possible sur son origine, *Comptes Rendus de l'Académie des Sciences*, 296, 487-492, 1983.
 168. Cazenave A., Lago B. & Dominh K., Thermal parameters of the oceanic lithosphere estimated from geoid height data, *J. Geophys. Res.* 88, 1005-1118, 1983.
 169. Lago B. & Cazenave A., dynamical evolution of cometary orbits in the Oort cloud, another statistical approach, *Icarus*, 53, 68-83, 1983.
 170. Cazenave A., Lago B., & Dominh K., Geoid anomalies over the northeast Pacific fracture zones from satellite altimeter data, *Geophys. J. R. Astron. Soc.*, 69, 15-31, 1982.
 171. Cazenave A., Lago B., & Dominh K., Numerical experiment applicable to the latest stage of planet growth, *Icarus*, 51, 133-148, 1982.
 172. Cazenave A., Tidal friction parameters from satellite observations, in "Tidal Friction and the Earth Rotation II", Ed. Brosche & Sündermann, Springer-Verlag, 1982.
 173. Courtillot V., Le Mouel J.L., Ducruix J., & Cazenave A., Geomagnetic secular variation as a precursor of climatic changes, *Nature*, 297, 386-387, 1982.
 174. Scholl H., Cazenave A. & Brahic A., the effect of star passages on cometary orbits in Oort cloud, *Astronomy and Astrophysics*, 112, 157-166, 1982.
 175. Cazenave A. & Balmino G., Meteorological effects on the seasonal variations of the rotation of Mars, *Geophys. Res. Lett.* 8, 245-248, 1981.
 176. Cazenave A. & Daillet S., Lunar tidal acceleration from Earth satellite orbit analyses, *J. Geophys. Res.*, 86, 1659-1663, 1981.
 177. Cazenave A. & Dominh K., Elastic thickness of the Venus lithosphere estimated from

- topography and gravity, *Geophys. Res. Lett.* 8, 1039-1042, 1981.
178. Lago B. & Cazenave A., State of stress of the oceanic lithosphere in response to loading, *Geophys. J.R. Astron. Soc.*, 64, 785-799, 1981.
 179. Lago B. & Cazenave A., Réponse de la lithosphère océanique à des charges en surface, *Ann. Geophys.*, 1, 37, 119-121, 1981.
 180. Cazenave A., Dobrovolskis A., & Lago B., Evolution of the inclination of Phobos, *Nature*, 284, 430-431, 1980.
 181. Cazenave A., Dobrovolskis A., & Lago B., Orbital history of the Martian satellites with inferences on their origin, *Icarus*, 44, 730-744, 1980.
 182. Cazenave A., Lago B., Dominh K., & Lambeck K., On the response of the ocean lithosphere to seamount loads from Geos 3 satellite radar altimetry, *Geophys. J.R. Astr. Soc.*, 63, 233-252, 1980.
 183. Balmino G., Brossier C., Cazenave A., Dominh K & Nouel F., Geoid of the Kerguelen Islands area determined from Geos 3 altimeter data, *J. Geophys. Res.*, 84, 3827-3831, 1979.
 184. Brahic A., Breton J., Caubel J, Cazenave A., Feasability study of a multiple flyby mission of main belt asteroids, *Icarus*, 40, 423-433, 1979.
 185. Cazenave A., Lambeck K., & Dominh K., Studies of the Geos 3 geoid undulations over seamounts in the Indian Ocean, AGU Geophysical Monograph Series, Vol. "The Use of Artificial Satellites for Geodesy and Geodynamics", 1979.
 186. Lago B. & Cazenave A., Possible dynamical evolution of the rotation of Venus since formation, *The Moon and The Planets*, 21, 127-254, 1979.
 187. Cazenave A, Daillet S., Lambeck K., Tidal studies from the perturbations in satellites orbits, *Phil. Trans. R. Soc. Lond. A.*, 284, 595-606, 1977.
 188. Cazenave A., Daillet S., Lambeck K., Effect of Earth, ocean and atmospheric tides on satellite orbits, *Annales de Geophysique*, 33, 1977.
 189. Lambeck K., Cazenave A., The Earth variable rate of rotation : a discussion of some meteorological and oceanic causes and consequences, *Phil. Trans. Soc. Lond. A.*, 284, 495-506, 1977.
 190. Lambeck K. & Cazenave A., Long term variations in the length of day and climatic changes, *Geophys. J.R. Astr. Soc.* 46, 555-573, 1976.
 191. Lambeck K., Cazenave A. and Balmino G., Solid Earth and ocean tides estimated from satellite orbits analysis, *Review of Geophysics and Space Physics*, Vol. 12, 421-433, 1974.
 192. Lambeck K. & Cazenave A., The Earth rotation and atmospheric circulation I, Seasonal variations, *Geophys. J.R. Astr. Soc.* 32, 79-93, 1973.
 193. Cazenave A., Dargnies O., Balmino G., Lefebvre M., Geometrical adjustment with simultaneous laser and photographic observations of the European datum; Geophysical Monograph Series, AGU, Vol. 15, "The Use of Artificial Satellites for Geodesy", 1972.
 194. Cazenave A., Forestier F., Nouel F., Pieplu J.L., Improvements of zonal harmonics using observations of low inclination satellites, DIAL, SAS and PEOPLE; Geophysical Monograph Series AGU, Vol. 15, "the Use of Artificial Satellites for Geodesy", 1972.

2 –Edition of Books

- Internal Geophysics and Space, Editeurs A. Cazenave, J.F. Minster & J.C. Husson, Editions Cepadues, Toulouse, 1985.
- Earth Rotation: Solved and Unsolved Problems, A. Cazenave Editor, NATO. ASI Series, D. Reidel Publ. Company, Dordrecht, 1986.
- Space Geodesy and Geodynamics, A. Cazenave & A.J. Anderson Editors, Academic Press, London, 1986.
- Satellite Altimetry and Earth Sciences. A handbook of Techniques and Application, Lee-L. Fu &

A. Cazenave Editors, Academic Press, International Geophysics Series, Vol. 69, San Diego, USA, 463 pages, 2001.

3 – Other publications

1. Cazenave A., Interactions entre les irrégularités de la vitesse de rotation de la Terre et les phénomènes météorologiques et climatiques, Thèse de Doctorat d'Etat, Université de Toulouse, 1975.
2. Cazenave A., & Lambeck K., Rotation de la Terre, Météorologie et Climat, La Recherche, 1977.
3. Cazenave A. & Brahic A., Les Marées dans le Système Solaire, Pour la Science, 1981.
4. Cazenave A. & Lago B., Late stage of planet growth in accretion theory, in "Formation of Planetary Systems", Ed. Brahic, Cepadues, 1982.
5. Cazenave A., Le système solaire : caractéristiques Physiques et Dynamiques; L'Accrétion des planètes; les Planètes en Mouvement; les Marées dans le Système Solaire; l'Intérieur des Planètes Telluriques; la Machine Terre; le système Terre-Lune, Le Grand Atlas de l'Univers, Encyclopedia Universalis, 1984.
6. Cazenave A. & Dominh K., Le Géοide Marin, Geochronique, n° 14, Mai 1985
7. Cazenave A. & Balmino G., La Gravité de la Terre, La Recherche, n° 176, Avril, 1986.
8. Cazenave A., Le champ de gravité terrestre, Bulletin de la Société Française de Physique, 1989.
9. Cazenave A., Etude de la terre solide depuis l'espace, Document CNES, 1990.
10. Cazenave A., Le manteau terrestre et le champ de gravité, Rapport CNES, Colloque de Prospective Scientifique, 1990.
11. Cazenave A., Le géοide terrestre, Courrier du CNRS N°76, 1990.
12. Cazenave A., Mesure de déformation du globe par Géodésie Spatiale, Proceedings N°91 Colloque de l'Association Française pour l'Avancement des Sciences sur la Tectonique des plaques et l'expansion de la Terre, 1991.
13. Cazenave A., Applications géodynamiques du système DORIS : expérience pilote à Djibouti, DORIS News Letter N°2, 1991.
14. Soudarin L., Cazenave A., Valette J.J., Positioning Results with DORIS, Proceedings of the 6th International Geodetic Symposium on Satellite Positioning, OSU, Columbus, 1992.
15. Cazenave A., Géodésie spatiale et déformations du globe, Proceedings du 50e anniversaire du BIH, 1992.
16. Cazenave A., Houry S., Dominh K., & Gennero M.C., Preliminary proceedings du 1er symposium on ERS-1, ESA publication - 1992.
17. Cazenave A., Altimétrie spatiale et géophysique, Proceedings du 20e anniversaire du GRGS, 1992.
18. Soudarin L. & Cazenave A., Résultats géodésiques obtenus par analyse de 2 ans de mesures DORIS, proceedings des journées Systèmes de Référence Spatio-temporelles, IERS, Paris, 1993.
19. Cazenave A., "Choisir son orbite", Les conquêtes de l'Espace, Savoirs N°3, Le Monde Diplomatique, 1994.
20. Cazenave & K. Feigl : 'Formes et mouvements de la Terre : satellites et géodésie', 160 pages, CNRS Editions, Belin, Paris, 1994.
21. Cazenave A., Etude de la Terre solide depuis l'Espace, Proceedings de la journée nationale de l'Association des Professeurs de Biologie et Géologie, 1997.
22. Cazenave A. Gibert D.; Rôle des techniques spatiales en sciences de la Terre solide, Colloque de Prospective de l'INSU, 1996.
23. Cazenave A., Balmino G. et Biancale R., Géodésie spatiale et Terre solide, Revue des Techniques Avancées, n° 38, Janvier 1997.
24. Cazenave A. & Le Meur H., Les déformations de la Terre, La Recherche, Janvier 1998.

25. Cazenave A. & A. Brahic, Les marées dans le système solaire, Dossier Pour la Science, 'Les Terres célestes', avril 1999.
26. Cazenave A., Géodésie Spatiale, Terre Solide et Enveloppes Fluides de surface, Revue du Palais de la Découverte, Paris, avril 2000.
27. Cazenave A., L'exploration des fonds océaniques par altimétrie spatiale, Proceedings du colloque 'Le 6ème continent', Institut Catholique, 2001.
28. Cazenave, Géodésie, Gravimétrie et altimétrie spatiales appliquées aux réserves en eau continentales, Proceedings de la journée nationale 'Hydrologie Spatiale', Toulouse, mars 2001.
29. Cazenave A., Les variations actuelles du niveau moyen de la mer, Revue de l'Académie de Marine, 2001.
30. Cabanes A., A. Cazenave and C. Le Provost, La mer monte, CNRS-info, 2001.
31. Cazenave A., Etude de la terre solide et des enveloppes fluides de surface par les techniques spatiales, Livre blanc sur la géodésie, 2002.
32. Cabanes C., A. Cazenave and C. Le Provost, La lettre du Programme International Géosphère Biosphère et du Programme Mondial de Recherche sur le Climat, Changement Global, 2002.
33. Cabanes, A. Cazenave and F. Remy, La mer monte de 2.5 millimètres par an, La Recherche, 2002.
34. Cazenave., La Terre observée depuis l'espace, Proceedings de l'Ecole d'été de physique e2phy 2003, Bordeaux, 2003.
35. Cazenave., Les variations actuelles du niveau de la mer, Revue 'La Météorologie', n° 45, mai 2004.
36. Lombard, C. Cabanes, A. Cazenave, F. Remy., 2,8 millimètres par an, La Recherche, oct. 2004.
37. Menard Y & A. Cazenave, Le projet Jason-1, Rapport au Cospar, Novembre 2004.
38. Cazenave & D. Massonnet : ' La Terre vue de l'espace', 125 pages, Bibliothèque Pour la Science, Belin, Paris, 2004.
39. Cazenave A., Les variations actuelles du niveau de la mer; Observations et causes : Proceedings du colloque 'L'homme face au climat', Collège de France, octobre 2004 et Publications Odile Jacob 2005.
40. P. Delecluse & A. Cazenave, L'impact majeur de l'océan sur le climat, CNES MAG, N° 25, mars 2005.
41. Cazenave, La hausse du niveau des mers, revue 'Atmosphériques' Météo-France, 2005.
42. J. Villain, F. Rocard, A. Cazenave, F. Alby, De l'Espace pour la Terre, Les Satellites, Revue TDC n° 895. Avril 2005.
43. A. Cazenave, 'La montée du niveau des mers; Rising sea levels' Lettre PIGB-PMRC, Changement Global, n° 19, mai 2006.
44. A. Cazenave, 'L'océan s'est considérablement réchauffé', Journal CNES QUI SE PASSE, 2006
45. A. Cazenave, 'L'observation spatiale de la mer' ouvrage collectif 'Planète Océane', Editions Choiseul, 2006.
46. Cazenave, Quelle élévation du niveau des mers dans le cadre du réchauffement climatique, Les Cahiers de l'Université des lycéens, 2006.
47. Lombard, C. Cabanes, A. Cazenave et F. Remy., 3 millimètres par an, Editions Tallandier, 2007.
48. Cazenave A., Lombard A., Dominh K., Llovel W., Bouhours S., Ramillien G. and Nerem R.S., Recent advances in measuring and understanding sea level change during the satellite altimetry era, OST publication, 2007.
49. Cazenave A., Present-day sea level rise : do we understand what we measure? Proceedings du workshop " 15 years of satellite altimetry", ESA Publication, 2007.
50. Cazenave, Recent Sea Level Change, Ocean Challenge, vol.15, N° 1, 2007.
51. Cazenave, 'L'observation spatiale de la Terre solide et de ses enveloppes fluides', Revue

- ‘Rayonnement du CNRS’, 2008.
52. Cazenave, ‘Monitoring sea level change: satellites are essential but not sufficient’, BOSS4GMES journal, 2008.
 53. Cazenave, Monitoring sea level rise using satellites, rapport au COSPAR, 2008.
 54. A. Cazenave, ‘La hausse actuelle du niveau de la mer’, Revue BIOFUTUR, 2008.
 55. Cazenave, ‘Le cycle de l’eau’, DOCSCIENCES, 2008.
 56. Cazenave A., Observing the solid Earth, oceans and land waters from space, The European Physical Journal, ERCA volume 8, 2008.
 57. Cazenave, ‘Surveillance des eaux continentales depuis l’espace’, Revue Géosciences du BRGM, 2008.
 58. A. Cazenave, ‘Apport de l’espace à la connaissance de la planète Terre’, Séance solennelle de l’Académie des sciences, 25 novembre 2008.
 59. Cazenave, ‘La hausse actuelle du niveau de la mer’, Questions internationales, La Documentation Française, 2009.
 60. E. Rignot and A. Cazenave, ‘Arctic climate, Northern Hemisphere and Global sea level’, WWF report on ‘Arctic Feedbacks’, 2009.
 61. Cazenave, ‘Sea level’, in Encyclopedia for ice and snow, 2009.
 62. Cazenave, Ramillien G. And Biancale R., Temporal gravity change, Encyclopedia of Solid Earth Geophysics, Springer, 2010.
 63. Cazenave & E. Berthier, ‘La hausse du niveau des océans : jusqu’où ?’, Pour La Science, 2010.
 64. W. Llovel & A. Cazenave A, ‘Hausse actuelle du niveau de la mer: que savons nous exactement?’, SMF info, 2010.
 65. Cazenave & E. Berthier, ‘La Terre se réchauffe et la mer monte’, Livre ‘Océan et réchauffement climatique’, Editions Le Pommier et Universcience, 2011.
 66. Cazenave & M. Ablain, Livre ‘Climat’ CNRS, 2011.
 67. Cazenave, W. Llovel, E. Berthier, G. Krinner, Livre ‘Climat’ CNRS, 2011.
 68. Cazenave A. Contemporary sea level rise, PAGES, 2012.
 69. Cazenave A., Les ressources en eau, Magazine de l’Université Paul Sabatier, Toulouse, 2012.
 70. Cazenave A., H.B. Dieng, S. Munier, O. Henry, B. Meyssignac, H. Palanisamy et W. Llovel, Influence d’El Nino et la Nina sur le niveau de la mer, *Journal La Météorologie*, 79, novembre 2012.
 71. A. Cazenave & B. Voituriez, L’océan et le climat, Livret de l’environnement, Académie des sciences, 2013.
 72. Cazenave A., « La Terre et l’environnement observés depuis l’espace », 79 pages, Leçons inaugurales du Collège de France, Collège de France/Fayard, 2013.