

Dr. Svetlana Jevrejeva

Contact details:

Group: Marine Systems Modelling

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Research interests:

- understanding of the global climate change
- regional and global sea level rise
- the role of the sea ice in the climate system
- ENSO effect in global and regional scales
- development and application of advanced statistical methods to climate related time series
- extreme events
- geoengineering

Expertise:

variability of global and regional sea level change and development and application of advanced statistical methods.

Committees:

Lead Author of Chapter 13 (Sea level changes), Working group 1, Fifth Assessment report of Intergovernmental Panel of Climate Change (IPCC)

Member of NERC Peer Review College

Editor of "American Journal of Climate Change"

Member of Group of Experts of Global Observing Sea Level System (GLOSS), the Intergovernmental Oceanographic Commission (IOC)

Publications:

Article

Jevrejeva, S.; Frederikse, T.; Kopp, R. E.; Le Cozannet, G.; Jackson, L. P.; van de Wal, R. S. W..
2019

Probabilistic sea level projections at the coast by 2100.

Surveys in Geophysics.

<https://doi.org/10.1007/s10712-019-09550-y>

Ponte, Rui M.; Carson, Mark; Cirano, Mauro; Domingues, Catia M.; Jevrejeva, Svetlana; Marcos, Marta; Mitchum, Gary; van de Wal, R. S. W.; Woodworth, Philip L.; Ablain, Michaël; Arduin, Fabrice; Ballu, Valérie; Becker, Mélanie; Benveniste, Jérôme; Birol, Florence; Bradshaw, Elizabeth; Cazenave, Anny; De Mey-Frémaux, P.; Durand, Fabien; Ezer, Tal; Fu, Lee-Lueng; Fukumori, Ichiro; Gordon, Kathy; Gravelle, Médéric; Griffies, Stephen M.; Han, Weiqing; Hibbert, Angela; Hughes, Chris W.; Idier, Déborah; Kourafalou, Villy H.; Little, Christopher M.; Matthews, Andrew; Melet, Angélique; Merrifield, Mark; Meyssignac, Benoit; Minobe, Shoshiro; Penduff, Thierry; Picot, Nicolas; Piecuch, Christopher; Ray, Richard D.; Rickards, Lesley; Santamaría-Gómez, Alvaro; Stammer, Detlef; Staneva, Joanna; Testut, Laurent; Thompson, Keith; Thompson, Philip; Vignudelli, Stefano; Williams, Joanne; Williams, Simon D. P.; Wöppelmann, Guy; Zanna, Laure; Zhang, Xuebin.

2019

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2018

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Jevrejeva, S.; Jackson, L P; Grinsted, A; Lincke, D; Marzeion, B.

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Kendon, Mike; McCarthy, Mark; Jevrejeva, Svetlana; Matthews, Andrew; Legg, Tim.
2018

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1-35.<https://doi.org/10.1002/joc.5798>

Vermeersen, Bert L.A.; Slangen, Aimée B.A.; Gerkema, Theo; Baart, Fedor; Cohen, Kim M.; Dangendorf, Sönke; Duran-Matute, Matthias; Frederikse, Thomas; Grinsted, Aslak; Hijma, Marc P.; Jevrejeva, Svetlana; Kiden, Patrick; Kleinherenbrink, Marcel; Meijles, Erik W.; Palmer, Matthew D.; Rietbroek, Roelof; Riva, Riccardo E.M.; Schulz, Elisabeth; Slobbe, D. Cornelis; Simpson, Matthew J.R.; Sterlini, Paul; Stocchi, Paolo; van de Wal, Roderik S.W.; van der Wegen, Mick.

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Monograph

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