

Bruno Castelle started a PhD in France on sandy beach morphodynamics. After a little more than 2 years working as Senior Research Assistant Griffith University (Australia), with both research and consultancy opportunities, he elected to return to France in 2007 to take up a CNRS research scientist position at the University of Bordeaux. He is interested in nearshore hydrodynamics, sediment transport and morphodynamics processes along sandy coasts on the timescales from a few seconds (wave motions) to decades including climate change effects. He relies on numerical and physical modelling, data-assimilation methods, observational techniques (Eulerian sensors, Lagrangian drifters) and remote sensing. He has been primarily leading research on beach morphodynamics, wave climate variability and shoreline change as well as on rip currents, including beach safety and lifeguarding aspects. He co-authored over 170 peer-reviewed journal papers, served as Associate Editor for Journal of Geophysical Research – Oceans and Ocean Dynamics. He is currently head of the Methys Team (25 staff including PhD student and postdocs) at the EPOC Laboratory (Environnements et paléoenvironnements océaniques et continentaux - CNRS/Université de Bordeaux).

Contact T 05 40 00 24 50 bruno.castelle@u-bordeaux.fr

