
Frédéric Bouchette – List of publications

Shallow-water hydrodynamics and inferred sedimentary processes

- Contact: frederic.bouchette@gmail.com

- My publications on Research Gate:

https://www.researchgate.net/profile/Frederic_Bouchette

- A full list of my references on: www.bouchette.org/publications

Scientific references – Summary (on 2017, March 10th)

My contribution to published science:

68 (35 + 33) papers and short papers in rank A peer-reviewed journals with DOI
 4 contributions to books and edition works
 12 scientific and technical reports for academics and engineering
 6 invited lecture conferences (by a University strictly)
 > 70 proceedings in conferences (oral presentation & posters)

My peer-reviewed papers were published in:

journals	I.F. (*)	nbr
Geological Society of America Bulletin [Publisher: GSA]	4.75	1
Journal of Hazardous Materials [Publisher: Elsevier]	4.7	1
Advances in Water Resources [Publisher: Elsevier]	4.5	1
Marine Pollution Bulletin [Publisher: Elsevier]	3.153	1
Boreas [Publisher: Wiley]	3.132	1
Journal of Geophysical Research [Publisher: AGU]	2.96 (1)	2
Boreas [Publisher: Wiley & Sons]	2.7	1
Climate Research [Publisher: Inter Research]	2.68	1
Coastal Engineering [Publisher: Elsevier]	2.405 (1)	1
Journal of Paleolimnology [Publisher: Springer]	2.37 (1)	1
Quaternary Research [Publisher: Elsevier]	2.3 (1)	2
Ground Water [Publisher: Wiley]	2.13	1
Sedimentology [Publisher: IAS – Blackwell]	2.1 (1)	3
Marine Geology [Publisher: Elsevier]	1.98 (1)	2
Computers and Fluids [Publisher: Elsevier]	1.83	1
Continental Shelf Research [Publisher: Elsevier]	1.69	1
International Journal of Numerical Methods in Engineering [Publisher: Wiley & Sons]	1.47 (1)	1
Journal of Coastal Research [Publisher: CERF]	1.366	6
Discrete and discontinuous Dynamical Systems DSDS – B [Publisher: AIMS]	0.995 (1)	1
Bulletin de la Société Géologique de France [Publisher: SGF]	0.68 ?	3
Ocean Engineering [Publisher: Elsevier]	0.665	1
International Review of Mechanical Engineering [Publisher: Praise Worthy Prize]	0.657	2

(*) Five year Impact Factor at the year of publication is provided when exists. This means that I.F. mentioned here (especially for the oldest papers) may differ from those given on internet. The sign (1) refers to a top journal for the topic concerned.

List of scientific references

The name of the PhD students which supervision I have been involved in are emphasized with an underlined name.

In prep of in revision for peer-reviewed journals

- BERTIN, X., de BAKKER, A., van DONGEREN, A., COCO, G., ANDRÉ, G., ARDHUIN, F., BONNETON, P., **BOUCHETTE**, F., CASTELLE, B., CRAWFOR, W., DEEN, M., DODET, G., GUERIN, T., LECKLER, F., MCCALL, R., MULLER, H., OLABARRIETA, M., RUESSINK, G., SOUS, D., STUTZMANN, E. et TISSIER, M. (I). Infragravity waves: from driving mechanisms to impacts. *To be set*.
- BOUCHETTE**, F., CHAILAN, R., TOULEMONDE, G., BACRO, J.-N. et MOHAMMADI, B. (In Prep). Forecasting extreme coastal storm events. *Geophysical Review Letters*.
- BOUCHETTE**, F. et RAYNAL, O. (In Prep). Dentelle: a scour-and-fill structure in liquefied and cast seabed in carbonate tempestites (uppermost Jurassic, South East Basin, France). *Sedimentology*.
- CHAILAN, R., **BOUCHETTE**, F., TOULEMONDE, G., BACRO, J.-N., MOHAMMADI, B. et LAURENT, A. (In Prep). Forecasting extreme coastal storm events. *Geophysical Review Letters*.
- LAMBERT, A., **BOUCHETTE**, F., MICHALLET, H. et FLORENT, G. (In Prep). Physical modeling of immersed breakwater effects on the morphodynamic of a dissipative barred beach. *Continental Shelf Research*.
- RÉTIF, F., **BOUCHETTE**, F., LEREDDE, Y., MARSALEIX, P., LIOU, J.-H., LIN, L.-C. et ESTOURNEL, C. (In Prep). Origin of nearshore water level variations during typhoons and winter storms (Taiwan Strait, taiwan). *Continental Shelf Research*.

Articles in peer-reviewed journal

2016:

- NUTZ, A., SCHUSTER, M., GHIENNE, J.-F., ROQUIN, C. et **BOUCHETTE**, F. (2016). Wind-driven water bodies: a new category of lake within an alternative sedimentologically-based lake classification. *Journal of Paelolimnology*, 56:1–11.
<http://dx.doi.org/doi:10.1007/s10933-016-9894-2>
- SOUS, D., PETITJEAN, L., **BOUCHETTE**, F., REY, V., MEULÉ, S., SABATIER, F. et MARTIN, K. (2016). Field evidence of swash groundwater circulation in the microtidal Rousty beach, France. *Advances in Water Resources*, 97:144–155.
<http://dx.doi.org/doi:10.1016/j.advwatres.2016.09.009>

2015:

- NUTZ, A., GHIENNE, J.-F., SCHUSTER, M., ROQUIN, C., DIETRICH, P., HAY, M., **BOUCHETTE**, F. et COUSINEAU, P. (2015a). Forced regressive deposits of a deglaciation sequence: example from the late quaternary succession in the Lake Saint-Jean basin (Québec, Canada). *Sedimentology*, 62(6):1573–1610.
<http://dx.doi.org/doi:10.1111/sed.12196>
- NUTZ, A., SCHUSTER, M., GHIENNE, J.-F., CERTAIN, R., ROBIN, N., RAYNAL, O., COUSINEAU, P., TEAM, S. et **BOUCHETTE**, F. (2015b). Wind-driven bottom currents and related sedimentary bodies in Lake Saint-Jean (Québec, Canada). *Geological Society of America Bulletin*, 127:1194–1208.
<http://dx.doi.org/doi:10.1130/B31145.1>

2014:

- BOUCHETTE**, F., MANNA, M., MONTALVO, P., NUTZ, A., SCHUSTER, M. et GHIENNE, J.-F. (2014). Growth of cusped spits. *Journal of Coastal Research*, 70:47–52.
<http://dx.doi.org/doi:10.2112/S170-009.1>
- FERNÁNDEZ-FERNÁNDEZ, S., BERNABEU, A., REY, D., MUCHA, A. P., ALMEIDA, M. R. et **BOUCHETTE**, F. (2014). The effect of sand composition on the degradation of buried oil. *Marine Pollution Bulletin*, 86:391–401.
<http://dx.doi.org/10.1016/j.marpolbul.2014.06.040>

- ISÈBE, D., AZÉRAD, P., FRÉDÉRIC, B. et MOHAMMADI, B. (2014). Design of passive defense structures in coastal engineering. *International Review of Civil Engineering*, 5(2):84–89.
<http://dx.doi.org/doi:10.15866/irece.v5i2.2029>
- MOHAMMADI, B. et **BOUCHETTE**, F. (2014). Extreme scenarios for the evolution of a soft bed interacting with a fluid using the Value At Risk of the bed characteristics. *Computers and Fluids*, 89:78 – 87.
<http://dx.doi.org/10.1016/j.compfluid.2013.10.021>
- NUTZ, A., GHIENNE, J.-F., SCHUSTER, M., CERTAIN, R., ROBIN, N., ROQUIN, C., RAYNAL, O., **BOUCHETTE**, F., DURINGER, P. et COUSINEAU, P. (2014). Seismic-stratigraphic record of a deglaciation sequence: From the marine Laflamme Gulf to the Lake Saint-Jean basin (Late Quaternary, Québec Province, Canada). *Boreas*, 43(2):309–329.
<http://dx.doi.org/doi:10.1111/bor.12039>
- ROBIN, N., CERTAIN, R., **BOUCHETTE**, F., ANTHONY, E., MEULÉ, S. et ALEMAN, N. (2014). Wave-driven circulation over a double nearshore bar system during storm conditions. *Journal of Coastal Research*, 70:84–89.
<http://dx.doi.org/10.2112/SI70-015.1>
- 2013:**
- BERNABEU, A., FERNÁNDEZ-FERNÁNDEZ, S., **BOUCHETTE**, F., REY, D., ARCOS, A., BAYONA, J. et ALBAIGES, J. (2013). Recurrent arrival of oil to Galician coast: the final step of the Prestige Oil Spill. *Journal of Hazardous Materials*, 250 – 251:82 – 90.
<http://dx.doi.org/10.1016/j.jhazmat.2013.01.057>
- IDIER, D., CASTELLE, B., POUMADÈRE, M., BALOUIN, Y., BERTOLDO, R. B., **BOUCHETTE**, F., BOULAHYA, F., BRIVOIS, O., CALVETE, D., CAPO, S. *et al.* (2013). Vulnerability of sandy coasts to climate variability. *Climate Research*, 57:19–44.
<http://dx.doi.org/10.3354/cr01153>
- LOFI, J., PEZARD, P., **BOUCHETTE**, f., RAYNAL, O., SABATIER, P., DEZILEAU, L., QUIQUEREZ, X., DELEAU, Y., DENTCHIK, Z. et CERTAIN, R. (2013). Reverse distribution of salty and fresh waters in a coastal porous layered aquifer (Gulf of Aigues-Mortes, northwestern Mediterranean Sea, France). *Ground Water*, 51(4):550 – 561.
<http://dx.doi.org/10.1111/j.1745-6584.2012.01011.x>
- LOUDART, T., LARROUDÉ, P. et **BOUCHETTE**, F. (2013). Two numerical approaches: 2D and 3D SPH model to simulate extreme waves over a barrier island. *Journal of Coastal Research*, 65:362–368.
<http://hal.archives-ouvertes.fr/hal-00905651>
- 2012:**
- SABATIER, P., DEZILEAU, L., COLIN, C., BRIQUEU, L., **BOUCHETTE**, F., MARTINEZ, P., SIANI, G., RAYNAL, O. et VON GRAFENSTEIN, U. (2012). 7000 years of paleostorms activity in the NW Mediterranean Sea in response to Holocene climate events. *Quaternary Research*, 77(1):1–11.
<http://dx.doi.org/10.1016/j.yqres.2011.09.002>
- 2011:**
- ALEMAN, N., ROBIN, N., CERTAIN, R., VAN ROYE, C., BARUSSEAU, J.-P. et **BOUCHETTE**, F. (2011). Typology of nearshore bars in the gulf of lions (france) using lidar technology. *Journal of Coastal Research*, 64:720–726.
<http://hal.archives-ouvertes.fr/hal-00783187>
- FERNÁNDEZ, S., BERNABEU, A. M., **BOUCHETTE**, F., REY, D. et VILAS, F. (2011). Beach morphodynamic influence on long-term oil pollution: the prestige oil spill. *Journal of Coastal Research*, 64:890–894.
<http://hal.archives-ouvertes.fr/hal-00783182>
- FERRER, P., CERTAIN, R., ADLOFF, F., **BOUCHETTE**, F., BARUSSEAU, J.-P., MEULÉ, S. et ROBIN, N. (2011). Hydrodynamics over a microtidal double crescentic barred beach under low energetic conditions (leucate beach, france). *Journal of Coastal Research*, 64:2032–2037.
<http://hal.archives-ouvertes.fr/hal-00767593>

2010:

BOUCHETTE, F., SCHUSTER, M., GHIENNE, J.-F., DENAMIEL, C., ROQUIN, C., ABDERAMANE, M., MARSALEIX, P. et DURINGER, P. (2010). Hydrodynamics in the Holocene lake Mega-Chad. *Quaternary Research*, 73(2):226–236.

<http://dx.doi.org/10.1016/j.yqres.2009.10.010>

BOUHARGUANE, A., AZÉRAD, P., **BOUCHETTE**, F., MARCHE, F. et MOHAMMADI, B. (2010). Low complexity shape optimization and *a posteriori* high fidelity validation. *Discrete and Continuous Dynamical Systems Serie B*, 3(2):759–772.

<http://dx.doi.org/10.3934/dcdsb.2010.13.759>

CASTELLE, B., MICHALLET, H., MARIEU, V., LECKLER, F., DUBARDIER, B., LAMBERT, A., BERNI, C., BONNETON, P., BARTHÉLEMY, E. et **BOUCHETTE**, F. (2010). Laboratory experiment of rip current circulations over a moveable bed: drifter measurements. *Journal of Geophysical Research*, 115(C12008).

<http://dx.doi.org/10.1029/2010JC006343>

FERRER, P., BENABDELLOUAHED, M., CERTAIN, R., TESSIER, B., BARUSSEAU, J.-P. et **BOUCHETTE**, F. (2010). The Late Holocene sediment infilling and beach barrier dynamics of the Thau lagoon (Gulf of Lions, Mediterranean sea, SE France). *Bulletin Société Géologique de France.*, 181(2):197–209.

<http://dx.doi.org/10.2113/gssgfbull.181.2.197>

RAYNAL, O., **BOUCHETTE**, F., CERTAIN, R., SABATIER, P., SÉRANNE, M., LOFI, J., DEZILEAU, L., BRIQUEU, L., FERRER, P. et COURP, T. (2010). Holocene evolution of languedocian lagoonal environment controlled by inherited coastal morphology (Northern Gulf of Lions, France). *Bulletin Société Géologique Française*, 181(2):211–224.

<http://dx.doi.org/10.2113/gssgfbull.181.1.27>

SABATIER, P., DEZILEAU, L., BARBIER, M., RAYNAL, O., LOFI, J., BRIQUEU, L., CONDOMINES, M., **BOUCHETTE**, F., CERTAIN, R., VAN GRAFENSTEIN, U., JORDA, C. et BLANCHEMANCHE, P. (2010). Late-holocene evolution of a coastal lagoon in the Gulf of Lions (South of France). *Bulletin de la Société Géologique de France*, 181(1):27–36.

<http://dx.doi.org/10.2113/gssgfbull.181.1.27>

2009:

RAYNAL, O., **BOUCHETTE**, F., CERTAIN, R., SÉRANNE, M., DEZILEAU, L., SABATIER, P., LOFI, J., BUI XUAN HY, A., BRIQUEU, L., PEZARD, P. et TESSIER, B. (2009). Control of alongshore-oriented sand spits on the dynamics of a wave-dominated coastal system, Holocene deposits, northern Gulf of Lions, France. *Marine Geology*, 264(3-4):242–257.

<http://dx.doi.org/10.1016/j.margeo.2009.06.008>

SYLAÏOS, G., **BOUCHETTE**, F., TSIHIRINTZIS, V. et DENAMIEL, C. (2009). A fuzzy inference system for the forecasting of wave characteristics from long-term measured wave and wind data. *Ocean Engineering*, 36(17-18):1358–1365.

<http://dx.doi.org/10.1016/j.oceaneng.2009.08.016>

2008:

AZÉRAD, P., **BOUCHETTE**, F., ISÈBE, D. et MOHAMMADI, B. (2008). Optimal shape design of defense structures for minimizing short wave impact. *Coastal Engineering*, 55:35–46.

<http://dx.doi.org/10.1016/j.coastaleng.2007.06.006>

ISÈBE, D., AZÉRAD, P., **BOUCHETTE**, F., IVORRA, B. et MOHAMMADI, B. (2008). Shape optimization of geotextile tubes for sandy beach protection. *International Journal of Numerical Methods in Engineering*, 74:1262–1277.

<http://dx.doi.org/10.1002/nme.2209>

SABATIER, P., DEZILEAU, L., CONDOMINES, M., BRIQUEU, L., COLIN, C., **BOUCHETTE**, F., LE DUFF, M. et BLANCHEMANCHE, P. (2008). Reconstruction of paleostorms events in a coastal lagoon (Hérault, South of France). *Marine Geology*, 251:224–232.

<http://dx.doi.org/10.1016/j.margeo.2008.03.001>

2007:

AZÉRAD, P., ISÈBE, D., **BOUCHETTE**, F., IVORRA, B. et MOHAMMADI, B. (2007). Design of passive defense structures in coastal engineering. *International Review of Mechanical Engineering*, 1(1):1–18. Download at: http://www.praiseworthyprize.com/IREME-latest/IREME_vol_1_n_1.html.

LEREDDE, Y., DENAMIEL, C., BRAMBILLA, E., LAUER-LEREDDE, C., **BOUCHETTE**, F. et MARSALEIX, P. (2007). Hydrodynamics in the gulf of Aigues-Mortes, NW Mediterranean sea: in situ and modelling data. *Continental Shelf Research*, 27:2389–2406. <http://dx.doi.org/10.1016/j.csr.2007.06.006>

2005:

TABOADA, A., CHANG, K.-J., RADJAI, F. et **BOUCHETTE**, F. (2005). Rheology, force transmission, and shear instabilities in frictional granular media from biaxial numerical tests using the contact dynamics method. *Journal of Geophysical Research*, 110(B9):B09202. <http://dx.doi.org/10.1029/2003JB002955>

2002–2004:

During this period, I was 100% involved in the development of a Master dedicated to the analysis of geological hazards (DESS RIGISSC) and in the edification of the scientific network GLADYS (www.gladys-littoral.org). I had absolutely no time to publish.

2001:

BOUCHETTE, F., SÉGURET, M. et MOUSSINE-POUCHKINE, A. (2001). Coarse carbonate breccia as a result of water-wave cyclic loading (uppermost Jurassic, South East Basin, France). *Sedimentology*, 48:767–789. <http://dx.doi.org/10.1046/j.1365-3091.2001.00395.x>

SÉGURET, M., MOUSSINE-POUCHKINE, A., RAJA GABAGLIA, G. et **BOUCHETTE**, F. (2001). Storm deposits and storm generated coarse carbonate breccia on a pelagic outer shelf. *Sedimentology*, 48:231–254. <http://dx.doi.org/10.1046/j.1365-3091.2001.00358.x>

Short papers

In this section, I consider peer-reviewed papers published in an official journal mainly. Most of the entries are publications from ICCE, *Génie Cotier & Génie Civil* or special issues of *Journal of Coastal Research*. A few ones are extended proceedings coming from high quality conferences (noticeably in computer sciences where knowledge evolves quickly). This section also includes papers from the *International Conference on Coastal Dynamics* which are unofficial 10 pages long extended proceedings efficiently reviewed and referenced with DOI.

2017:

BOUCHETTE, F., MANNA, M., SCHUSTER, M. et GHIENNE, J.-F. (2017). The dynamics of cusped spits at geological time scale. In *Extended Proceedings of 8th International Conference on Coastal Dynamics*, Helsingør, Denmark. CD2017.

LIN, L.-C., CHANG, E. T.-Y., FORES, B. et **BOUCHETTE**, F. (2017). Ambient seismic noise and nearshore dynamics. In *Extended Proceedings of 8th International Conference on Coastal Dynamics*, Helsingør, Denmark. CD2017.

LOCATELLI, F., SOUS, D., CHEVALIER, C., **BOUCHETTE**, F., REY, V., TOUBOUL, J. et DEVENON, J.-L. (2017). Wave transformation over the Ouano reef barrier, New Caledonia. In *Extended Proceedings of 8th International Conference on Coastal Dynamics*, Helsingør, Denmark. CD2017.

SOUS, D., PETITJEAN, L., **BOUCHETTE**, F., REY, V., MEULÉ, S. et SABATIER, F. (2017). Groundwater fluxes within sandy beaches: swash-drive flow vs cross-barrier gradients. In *Extended Proceedings of 8th International Conference on Coastal Dynamics*, Helsingør, Denmark. CD2017.

2016:

FLOCH, F., Le DANTEC, N., LEMOS, C., CANCOUËT, R., SOUS, D., PETITJEAN, L., **BOUCHETTE**, F., ARDHUIN, F., SUANEZ, S. et DELACOURT, C. (2016). Morphological response of a macrotidal embayed beach, Porsmilin, France. *Journal of Coastal Research*, 75:373–377.
<http://dx.doi.org/10.2112/SI75-075.1>

PETITJEAN, L., SOUS, D., **BOUCHETTE**, F., REY, V., MEULÉ, S. et SABATIER, F. (2016a). Circulation souterraine sous la zone de swash. In *Génie Civil Génie Côtier*, volume 14, pages 89–96, Toulon, France. Paralia CFL.
<http://dx.doi.org/10.5150/jngcgc.2016.011>

PETITJEAN, L., SOUS, D., REY, V., **BOUCHETTE**, F. et MEULÉ, S. (2016b). The structure of nearshore currents driven by changes in meteo-marine forcings. In *Extended Proceedings of ICCE*, Istanbul, Turkey.

2014:

BOUCHETTE, F., LIOU, J.-Y., MICHAUD, H., MEULÉ, S., HWANG, K.-S., SYLAIOS, Y., SOUS, D. et HWUNG, H.-H. (2014). Quantification of the instantaneous water level: theoretical formulation and validation by in-situ and experimental data. In *Extended Proceedings of ICCE*, volume 34, Séoul, South Korea.

CAMPMAS, L., **BOUCHETTE**, F., MEULÉ, S., LIOU, J.-Y., SOUS, D., LEROUX-MALLOUF, R., LARROUDÉ, P. et HWUNG, H.-H. (2014a). Typhoons driven morphodynamics of the Wan Tzu Liao sand barrier (south-westernmost Taiwan). In *Extended Proceedings of ICCE*, volume 34, Séoul, South Korea.
<http://hal.archives-ouvertes.fr/hal-01012312>

CAMPMAS, L., SABATIER, F., MEULÉ, S., LIOU, J. Y., PETITJEAN, L., BOUTIN, F., LEROUX-MALLOUF, R. et **BOUCHETTE**, F. (2014b). Multi-scale morphodynamics of sand barrier driven by monsoon/ typhoon conditions. In *Génie Civil Génie Côtier*, volume 13, pages 273–280, Dunkerque, France. Paralia CFL.
<http://dx.doi.org/10.5150/jngcgc.2014.030>

CHAILAN, R., TOULEMONDE, G., LAURENT, A. et **BOUCHETTE**, F. (2014). Spatial assessment of extreme significant wave heights in the Gulf of Lions. In *Extended Proceedings of ICCE*, volume 34, Séoul, South Korea.
<http://dx.doi.org/10.9753/icce.v34.management.17>

LARROUDÉ, P., OUDART, T., HWANG, K.-S., BUJAN, N., LIOU, J.-Y., WU, Y.-C., LIN, L.-C. et **BOUCHETTE**, F. (2014). SPH model to simulate infra-gravity waves and water level to the shoreline: Simulation vs. experimental and in-situ data. In *Extended Proceedings of ICCE*, volume 34, Séoul, South Korea.

LIN, L.-C., LIOU, K. J.-Y., HWUNG, H.-H., **BOUCHETTE**, F. et MEULÉ, S. (2014). Links between microseismicity and extreme waves during storms. In *Extended Proceedings of ICCE*, volume 34, Séoul, South Korea.
<http://dx.doi.org/10.9753/icce.v34.waves.37>

RÉTIF, F., **BOUCHETTE**, F., JYING-YIH, L., MEULÉ, S., MICHAUD, H., LIN, L.-C., HWANG, K.-S., BUJAN, N., HWUNG, H.-H. et THE SIROCCO TEAM (2014a). Modélisation numérique du niveau instantané de la mer à la côte au cours de phénomènes paroxysmaux (Wan-Tzu-Liao, Taïwan). In *Génie Civil Génie Côtier*, volume 13, pages 169–176, Dunkerque, France. Paralia CFL.
<http://dx.doi.org/10.5150/jngcgc.2014.019>

RÉTIF, F., **BOUCHETTE**, F., LIOU, J.-Y., MEULÉ, S., MICHAUD, H., LIN, L.-C., HWANG, K.-S., BUJAN, N., HWUNG, H.-H. et THE SIROCCO TEAM (2014b). Realistic simulation of instantaneous nearshore water levels during typhoons crossing Taiwan. In *Extended Proceedings of ICCE*, volume 34, Séoul, South Korea.
<http://dx.doi.org/10.9753/icce.v34.waves.17>

2013:

MICHAUD, H., ROBIN, N., ESTOURNEL, C., MARSALÉIX, P., LEREDDE, Y., CERTAIN, R. et **BOUCHETTE**, F. (2013). 3D hydrodynamic modeling of a microtidal barred beach (Sète, NW Mediterranean sea) during storm conditions. In *Extended Proceedings of 7th International Conference on Coastal Dynamics*, pages 1183–1194, Arcachon, France. CD2013, Bordeaux University & SHOM.
<http://hal.archives-ouvertes.fr/hal-00855035>

OUDART, T., LARROUDÉ, P. et **BOUCHETTE**, F. (2013). Two numerical approaches : 2D and 3D SPH models to simulate extreme waves over the barrier island. *Journal of Coastal Research*, 65:362–367.
<http://dx.doi.org/10.2112/SI65-062.1>

SOUS, D., CAMPMAS, L., MEULÉ, S., **BOUCHETTE**, F., LIOU, J.-Y., REY, V. et TOUBOUL, J. (2013). Wave setup and watertable overheight in the cigu sand barrier (taiwan) during the talim tropical storm. *In Extended Proceedings of 7th International Conference on Coastal Dynamics*, pages 1517–1526, Arcachon, France. CD2013, Bordeaux University & SHOM.

<http://hal.archives-ouvertes.fr/hal-00831573>

2012:

BOUCHETTE, F., SABATIER, F., SYLAIOS, Y., MEULÉ, S., LIOU, J. Y., HEURTEFEUX, H., DENAMIEL, C. et HWUNG, H.-H. (2012). Subdune tool: quasi-explicit formulation of the water level along the shoreline. *In Génie Civil Génie Côtier*, pages 223–232. Paralia CFL.

<http://dx.doi.org/10.5150/jngcgc.2012.022-B>

CAMPMAS, L., **BOUCHETTE**, F., LIOU, J. Y., BRAMBILLA, E., MEULÉ, S., SYLAIOS, G., SABATIER, F., CERTAIN, R., ROBIN, N. et HWUNG, H.-H. (2012). Upper beach reconstruction patterns after moderate storm events. *In Génie Civil Génie Côtier*, pages 233–240. Paralia CFL.

<http://dx.doi.org/10.5150/jngcgc.2012.023-C>

CHAILAN, R., **BOUCHETTE**, F., DUMONTIER, C., HESS, O., LAURENT, A., LOBRY, O., MICHAUD, H., NICLOUD, S. et TOULEMONDE, G. (2012). High performance pre-computing: prototype application to a coastal flooding decision tool. *In Extended proceeding of 4th International Conference on Knowledge and Systems Engineering*, pages 195–202, Da Nang, Vietnam.

<http://dx.doi.org/10.1109/KSE.2012.36>

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Oral presentations and posters

I contributed to more than 100 conference talks and posters, mainly with students.
I've lost count...