

Baptiste FRANÇOIS

Birth: 09/05/1985 in Toulon, France
Nationality: French
Phone : +1 (413) 320-1871
Email : bfrancois@umass.edu
ORCID : orcid.org/0000-0002-0625-4357
Scopus ID : 56304536900

Research Assistant Professor
Department of Civil and Environmental Engineering
University of Massachusetts Amherst
130 Natural Resources Road
Amherst, Massachusetts 01003, United-States

Curriculum Vitae

RESEARCH INTERESTS

My research interests focus on the interactions between climate, water, energy and society. I have developed expertise in multiple disciplines, including hydrology, climate science, and planning and management of water and energy infrastructure, including hydropower and other renewable energy sources such as solar, wind and biomass. My work builds on state-of-the-art methods for advancing understanding of the drivers of vulnerability and resilience of water and energy sectors. These drivers include i) the effects of climate change; ii) the effects of hydro-meteorological extremes; and iii) the effects of renewable energy integration in the electricity systems.

EDUCATION

- 2010-2013 **PhD:** Earth and Environment - University of Grenoble-Alpes, Grenoble (France)
Thesis: Optimal management of multi-purpose reservoir and climate change.
Models, projections and uncertainties (in French)
PhD advisors : Jean-Dominique Creutin and Benoit Hingray
PhD committee: Christophe Cudennec, Pierre Ribstein, Marco Borga, François
Brissette, Frédéric Hendrikx, Jean-Dominique Creutin, Benoit Hingray.
- 2007 - 2009 **Master Degree** « Atmospheric Science and Hydrology » - University of Joseph-
Fourier – Grenoble, France
- 2004 - 2007 **Bachelor Degree** « Physics and Chemistry Applied to the Environment » -
University of Toulon – Toulon, France.

PROFESSIONAL APPOINTMENTS

- 05/2019 – current **Research Assistant Professor**, Department of Civil and Environmental
Engineering, University of Massachusetts, Amherst, MA, United-States
- 02/2018 – current **Consultant**, Member of CloudWater LLC, Amherst, Massachusetts, United-States
- 11/2016 – 04/2019 **Postdoctorate**, Department of Civil and Environmental Engineering, University of
Massachusetts, Amherst, MA, United-States
- 04/2016 – 10/2016 **Postdoctorate**, Department of Land, Environment, Agriculture and Forestry,
University of Padua, Italy
- 04/2014 – 03/2016 **Postdoctorate**, Department of Hydrology sciences and Environment, (Laboratoire
d'étude des Transferts en Hydrologie et Environnement; LTHE), University of
Grenoble-Alpes, Grenoble, France.
- 01/2014 – 09/2014 **Invited scientist**, SINTEF Energies, Water Resources group, Trondheim, Norway
- 04/2013 – 03/2014 **Postdoctorate**, Department of Land, Environment, Agriculture and Forestry,
University of Padua, Italy

01/2010 – 03/2013

Graduate Research Assistant, Department of Hydrology sciences and Environment, (Laboratoire d'étude des Transferts en Hydrolgie et Environnement; LTHE), University of Grenoble-Alpes, Grenoble, France

ACADEMIC HONORS & AWARDS:

04/2016 'EGU Early Career Scientist's Travel Award' related to the presentation 'The influence of the North-Atlantic Oscillation on variable renewable energy penetration rate in Europe', Vol. 18, EGU2016-482, 2016, session ERE3.1 Energy Meteorology.

RESEARCH GRANTS

<i>Title</i>	<i>Funding source</i>	<i>Period</i>	<i>Total Budget</i>	<i>Status</i>
(co-PI) High-resolution mapping of Renewable Energy Sources.	Eversource Energy Center	3 years starting in May 2020.	\$200,000	Accepted

PUBLICATIONS IN PEER REVIEWED JOURNALS

Published: (15 articles, 10 as lead author)

- 15 Kouame, Y.M., Obahoundje, S., Diedhiou, A., **François, B.**, Amoussou, E., Anquetin, S., Didi, R.S., Kouassi, L.K., N'guessan Bi, V.H., Soro, E.G., Yao, E.K., 2019. Climate, Land Use and Land Cover Changes in the Bandama Basin (Côte D'Ivoire, West Africa) and Incidences on Hydropower Production of the Kossou Dam. *Land* 8, 103. <https://doi.org/10.3390/land8070103>
- 14 **François, B.**, Schlef, K.E., Wi, S., Brown, C.M., 2019. Design considerations for riverine floods in a changing climate – A review. *J. Hydrol.* 574, 557–573. <https://doi.org/10.1016/j.jhydrol.2019.04.068>
- 13 Schlef, K.E., **François, B.**, Robertson, A.W., Brown, C., 2018. A General Methodology for Climate-Informed Approaches to Long-Term Flood Projection-Illustrated With the Ohio River Basin. *Water Resour. Res.* 54, 9321–9341. <https://doi.org/10.1029/2018WR023209>
- 12 Obahoundje, S., Diedhiou, A., Ofosu, E.A., Anquetin, S., **François, B.**, Adoukpe, J., Amoussou, E., Kouame, Y.M., Kouassi, K.L., Nguessan Bi, V.H., Ta, M.Y., 2018. Assessment of Spatio-Temporal Changes of Land Use and Land Cover over South-Western African Basins and Their Relations with Variations of Discharges. *Hydrology* 5, 56. doi:10.3390/hydrology5040056
- 11 Raynaud, D., Hingray, B., **François, B.** and Creutin, J.-D., 2018. Energy droughts from variable renewable sources in European climates. *Renew. Energy*, 125, 578-589. Elsevier. doi:10.1016/renene.2018.02.130
- 10 **François, B.**, Hingray, B., Borga, M., Zoccatelli, D., Brown, C., Creutin, J.-D., 2018. Impact of Climate Change on Combined Solar and Run-of-River Power in Northern Italy. *Energies* 11, 290. doi:10.3390/en11020290
- 9 Engeland, K., Borga, M., Creutin, J.D., **François, B.**, Ramos, M.H. and Vidal, J.P. 2017 Space-time variability of climate and hydro-meteorology and intermittent renewable energy production – a review. *Renew. Sustain. Energy Rev.*, 79, 600-617, doi:10.1016/j.rser.2017.05.046
- 8 **François, B.**, D. Zoccatelli, Borga, M., 2017 Assessing small hydro/solar power complementarity in ungauged mountainous areas: a crash test study for hydrological prediction methods, *Energy*, 127, 716-729 doi:10.1016/j.energy.2017.03.090
- 7 **François, B.**, Martin, S., Tøfte, L., Hingray, B., Mo, B., Creutin, J.D. 2017 Effects of Increased

Wind Power Generation on Mid-Norway's Energy Balance under Climate Change: A Market Based Approach, *Energies*, 10(2), 227 doi: 10.3390/en10020227

- 6 **François, B.** 2016. Influence of the North-Atlantic Oscillation on Climate-Related-Energy Penetration in Europe, *Renew. Energy*, 99, 602-613. Elsevier. doi:10.1016/j.renene.2016.07.010
- 5 **François, B.,** Hingray, B., Raynaud, D., Borga, M., Creutin, J.D., 2016. Increasing climate-related-energy penetration by integrating run-of-the river hydropower to wind/solar mix. *Renew. Energy* 87, 686–696. Elsevier. doi:10.1016/j.renene.2015.10.064
- 4 **François, B.,** Borga, M., Creutin, J.D., Hingray, B., Raynaud, D., Sauterleute, J.F., 2016. Complementarity between solar and hydro power: Sensitivity study to climate characteristics in Northern-Italy. *Renew. Energy* 86, 543–553. Elsevier. doi:10.1016/j.renene.2015.08.044
- 3 **François, B.,** Hingray, B., Creutin, J.D., Hendrickx, F., 2015. Estimating Water System Performance Under Climate Change: Influence of the Management Strategy Modeling. *Water Resour. Manag.* 29, 4903–4918. Springer. doi:10.1007/s11269-015-1097-5
- 2 **François, B.,** Borga, M., Anquetin, S., Creutin, J.D., Engeland, K., Favre, A.C., Hingray, B., Ramos, M.H., Raynaud, D., Renard, B., Sauquet, E., Sauterleute, J.F., Vidal, J.P., Warland, G., 2014. Integrating hydropower and intermittent climate-related renewable energies: a call for hydrology: Invited Commentary. *Hydrol. Process.* 28, 5465–5468. Wiley. doi:10.1002/hyp.10274
- 1 **François, B.,** Hingray, B., Hendrickx, F., Creutin, J.D., 2014. Seasonal patterns of water storage as signatures of the climatological equilibrium between resource and demand. *Hydrol. Earth Syst. Sci.* 18, 3787–3800. Copernicus Publications. doi:10.5194/hess-18-3787-2014

STUDENT SUPERVISION:

Ph.D. level

2017 - Present Handriyanti Diah Puspitarini (Indonesia), *University of Padua (Italy)* – co-advising with Prof. Marco Borga

Msc. level

04/2017—1/2018 Derrick K. Danso (Ghana); *University Abdou Moumouni (Niamey, Niger)* – co-advising with Dr. Benoit Hingray and Dr. Arona Diedhiou

02/2015-06/2015 Rahma Jaber (Tunisia); *National School of Engineering at Tunis (Tunisa)* – co-advising with Dr. Jean-Dominique Creutin

02/2015-06/2015 Rémy Bonnet (France); *University Grenoble-Alpes (France)* - co-advising with Dr. Benoit Hingray and Damien Raynaud

08-2014-12/2014 Handriyanti Diah Puspitarini (Indonesia); *University Grenoble-Alpes (France)* - co-advising with Dr. Benoit Hingray

02/2012-06/2012 Wiem BenKhediri (Tunisia); *National School of Engineering at Tunis (Tunisa)* – co-advising with Dr. Benoit Hingray

TEACHING:			
2012,2015	Graduate Level	Research class – 15 hours	Ense3 ¹ (Engineering School for Energy, Water and Environment), National Polytechnic Institute, Uni. of Grenoble-Alpes, France
2011,2012	Undergraduate Level	Laboratory class – 32 hours	

SERVICE (summary available at: <https://publons.com/author/1323868/baptiste-francois#profile>)

Editor **Associate Editor for the Journal of Hydrology** (since 01/2018)
Assignments with final disposition: 43

Reviewer

- Advances in Meteorology
- African Journal of Environmental Science and Technology
- Applied Energy
- Atmosphere
- Energy
- Energies
- Energy Procedia
- Environmental Modeling & Software
- Hydroécologie Appliquée (in French)
- International Journal of Electrical Power and Energy Systems
- Journal of Hydrology
- Journal of Water Resources Planning and Management
- Renewable Energy
- Sustainability
- Water Resources Management
- Water Resources Research

Conference Organizer:

Since 2016 I have organized interdisciplinary sessions at the EGU General Assembly (Vienna, Austria) together with researchers from the Institute for the Geosciences and Environmental Research (IGE, France), the National Research Institute of Science and Technology for Environment and Agriculture (IRSTEA, France), Stanford University, the University of Massachusetts and the University of Connecticut (United States), among others. These scientific sessions gather researchers to discuss the new challenges that current and future integration of renewable energy sources amid the water-energy nexus put on water and hydropower infrastructure.

- 04/2019 **Main convener of the session EGU HS5.4.2/ERE2.9:** ‘Hydropower and other renewable energy sources: Integration and Planning amid the Water-Energy Nexus. European Geosciences Union, General Assembly, Vienna, Austria
<https://meetingorganizer.copernicus.org/EGU2019/provisionalprogramme>
- 04/2018 **Main convener of the session EGU HS5.8:** ‘Hydropower and other renewable energy sources: Integration and Planning amid the Water-Energy Nexus. European Geosciences Union, General Assembly, Vienna, Austria
<https://meetingorganizer.copernicus.org/EGU2018/session/26614>
- 04/2017 **Main convener of the session EGU HS5.8/ERE3.8 :** ‘Hydropower and other renewable sources of energy for a sustainable future: modelling and management issues’. European Geosciences Union, General Assembly, Vienna, Austria
<https://meetingorganizer.copernicus.org/EGU2017/session/22986>

¹ <http://ense3.grenoble-inp.fr/welcome-at-ense3/>

04/2016 **Main convener of the session EGU ERE3.8** : ‘Renewable energy an environmental systems : modelling, control and management for a sustainable future’. European Geosciences Union, General Assembly, Vienna, Austria
<https://meetingorganizer.copernicus.org/EGU2016/session/20126>

Scientific Committee:

04/2019 **Member of the scientific committee:** ‘11th Conference on Interdisciplinary Problems in Environmental Protection and Engineering EKO-DOK 2019’ Polanica-Zdrój, Poland.

04/2018 **Member of the scientific committee:** ‘10th Conference on Interdisciplinary Problems in Environmental Protection and Engineering EKO-DOK 2018’ Polanica-Zdrój, Poland.

Student Senate:

2012-2013 Ph.D. Student Senator at the Doctoral School Earth-Universe-Environment (‘École Doctorale Terre-Univers-Environnement’ in French) at the University Grenoble-Alpes, France. *A Doctoral School in France is similar to the Graduate School in United States but is restricted to Ph.D. level only.*

PROJECT REPORTS AND BOOK CHAPTERS:

2016-2 **François, B.**, Hingray, B., Raynaud, D., Borga, M., Creutin, J.D. 2016, Spatial-temporal Variability of Climate-Related Energy Penetration in Europe; Book Chapter in; COMPLEX Fina Scientific Report, Volume 3a, Establishing Policy-Relevance: Human-Environment Interaction. 8-25, Edited by Winder, N., Liljenström H. and Seaton, R. Published by Sigtunastiftelsen, Sigtuna, Sweden. ISBN: 978-91-976048-3-3

2016-1 **François, B.**, Borga, M., Creutin, J.D., Hingray, B., Raynaud, D., Sauterleute, J.F. 2016, Multiscale Analysis of the Complementarity between Small Run-of-the River and Solar power in Northern Italy; Book Chapter in: COMPLEX Fina Scientific Report, Volume 3a, Establishing Policy-Relevance: Human-Environment Interaction. 26-34, Edited by Winder, N., Liljenström H. and Seaton, R.. Published by Sigtunastiftelsen, Sigtuna, Sweden. ISBN: 978-91-976048-3-3

2013-1 Hingray, B., Hendrickx, F., Bourqui, M., Creutin, J.D., **François, B.**, Gaihard, J., Lafaysse, M., Le Moine, N., Mathevet, T., Mezghani, A. Monteil, C. 2013, RIWER2030: Regional climate and uncertainties, water resources and associated management from 1860 to 2100 (In french: RIWER2030: Climats régionaux et incertitudes, ressources en eau et gestion associée de 1860 à 2100). Final Report Project ANR VMCS 2009-2012, CNRS/LTHE, EDF/LNHE, EDF/DTG, 66pp.

INVITED TALKS:

2018-2 **François, B** (2018) Influence of the multi-scale variability of weather on renewable energy generation and integration amid the water-energy nexus. University of Connecticut, Eversource Energy Center, March 16th, 2018.

2018-1 **François, B** (2018) Influence of the multi-scale variability of weather on renewable energy generation and integration amid the water-energy nexus. EWRE seminar at

the University of Massachusetts, Amherst, USA.

PRESENTATIONS IN CONFERENCE:

- 2019-3
Poster **François B.**, Nikolopoulos, E., Emmanouil, S., Anagnostou, E. and Brown, C.: Mapping of solar and wind energy potential over New England. (2019). New England Conference of Public Utilities Commissioners. 72nd Annual Symposium, Hartford, June, 2019
- 2019-2
Poster **François, B.**, Nikolopoulos, E., Anagnostou, E. and Brown C. (2019) Is Pumped-Hydroelectric Storage (PHS) the solution for growing renewable generation in New England? EGU General Assembly 2019, Vienna, Austria, EGU2019-11454
- 2019-1
Poster Puspitarini, D. H, **François, B.**, Zaramella, M, Brown, C. and Borga, M. (2019) Complementarity between Combined Heat and Power systems, solar PV and hydropower at a district level: application to the North Eastern Alps, EGU General Assembly 2019, Vienna, Austria, Vol. 21, EGU2019-10466
- 2018-6
Poster **François, B.**, and Brown, C. Solar and wind energy potential, variability and complementarity with the water infrastructure in New England, Abstract GC23D-2366, AGU conference, Washington D.C., December 2018
- 2018-5
Talk Campana, P.E., Cioccolantu, L., **François, B.**, Jurasz, J., Zhang, Y., Stridh, B. and Yan, J. (2018) A Multi-Country Economic Analysis of Lithium-Ion Batteries for Peak Shaving and Price Arbitrage in Commercial Buildings. 10th International Conference on Applied Energy (ICAE2018), 22-25 August, Hong-Kong, China
- 2018-4
Poster Schelf, K., **François, B.**, Wi, S. and Brown, C. (2018). A comparison of Approaches to Long-Term Flood Projection. CUAHSI biennial consortium.
- 2018-3
Poster Ghafi V.K.A, Hingray, B., Diedhiou, A. and **François, B.** (2018) Weather sensitivity of electricity consumption in coastal Megacities of Western Africa, Vol. 20, EGU2018-13354, EGU conference, Vienna, Austria, 2018
- 2018-2
Poster **François, B.**, Hingray, B., Borga, M., Zoccatelli, D., Brown, C. and Creutin, J.D. (2018) Impact of climate change on combined solar and run-of-river power in Northern Italy. Vol. 20, EGU2018-18075, EGU conference, Vienna, Austria, 2018
- 2018-1
Poster Danso, D.K., **François, B.**, Hingray, B., and Diedhiou A. (2018) Development of Variable Renewable Energy for Ghana: Impact on the Management of Hydropower Akosombo Reservoir Vol. 20, EGU2018-18914, EGU conference, Vienne, Autriche, 2018
- 2017-5
Talk **François, B.**, Wi, S., Brown, C. (2017) Using deep learning to assess future flood magnitude and frequency in the semi-arid and snowmelt-dominated Missouri River headwater catchments. Abstract 274511, AGU conference, New Orleans, December 2017
- 2017-4
Talk Puspitarini, H.D, **François, B.**, Zoccatelli, D., Brown, C., Creutin J.D., Zaramella, M., and Borga, M. (2018) Assessing climate change impact on complementarity between solar and hydro power in areas affected by glacier shrinkage Vol. 19,

EGU2017-13511-2, 2017, EGU conference, Vienna, Austria, 2017

- 2017-3
Talk Raynaud, D., Hingray, B., **François, B.**, and Creutin, J.D. (2017) Energy droughts in a 100% renewable electricity mix, Vol. 19, EGU2017-8892, 2017, EGU conference, Vienna, Austria, 2017
- 2017-2
Poster **François, B.**, Martino S, Tøfte L., Hingray, B., Mo, B., and Creutin, J.D. (2017) Effects of increased wind power generation on Mid-Norway's energy balance under climate change: A market-based approach, Vol. 19, EGU2017-19412, 2017, EGU conference, Vienna, Austria, 2017
- 2017-1
Poster **François, B.**, Raynaud, D., Hingray, B., Creutin, J.D. (2017) Influence of winter NAO pattern on variable renewable energies potential in Europe over the 20th century, Vol. 19, EGU2017-9042, 2017, EGU conference, Vienna, Austria, 2017
- 2016-8
Talk Jaber, R., **François, B.**, Gargouri, E. (2016) Analysis of Wind/Solar power mix for 30% and 100 % renewable scenarios in Tunisia. 4ème Conférence Internationale des Energies Renouvelables (CIER). Proceedings of Engineering and Technology- PET. Vol 16, pp.85-91
- 2016-7
Poster **François, B.**, Hingray, B., Raynaud, D., Borga, M., Creutin, J.D., (2016). Increasing climate-related-energy penetration by integrating run-of-the river hydropower to wind/solar mix. 'Transitions', Rencontres Scientifiques, Alliance nationale de recherché pour l'environnement, juillet 2016, Paris.
- 2016-6
Poster +
Keynote
presentation **François, B.**, Hingray, B., Raynaud, D., Borga, M., Creutin, J.D., (2016). Increasing climate-related-energy penetration by integrating run-of-the river hydropower to wind/solar mix (2016). Congrès SHF "HydroES 2016", Grenoble 16-17 March
- 2016-5
Talk **François, B.** 2016. Influence of the North-Atlantic Oscillation on Climate-Related-Energy Penetration in Europe, Vol. 18, EGU2016-482, 2016, EGU conference, Vienna, Austria, 2016
- 2016-4
Poster **François, B.**, Creutin J.D. (2016) European transition to a low carbon electricity system using a mix of variable renewable energies: carbon saving trajectories as functions of production and storage capacity, Vol. 18, EGU2016-16033, 2016, EGU conference, Vienna, Austria, 2016
- 2016-3
Poster Raynaud, D., Hingray, B., **François, B.**, and Creutin, J.D. (2016) Low frequency variability of Climate-Related-Energy penetration in Europe. Vol. 18, EGU2016-18384, 2016. EGU conference, Vienna, Austria, 2016
- 2016-2
Poster Borga, M, **François, B.**, Hingray, B., Zoccatelli, D., Creutin, J.-D., Brown, C., (2016) Linking top-down and bottom-up approaches for assessing the vulnerability of a 100 % renewable energy system in Northern-Italy. Vol. 18, EGU2016-15294, 2016, , EGU conference, Vienna, Austria, 2016
- 2016-1
Poster Borga, M, **François, B.**, Zoccatelli, D (2016) Mapping complementarity between solar and hydropower: Sensitivity study to glacier retreat in the Eastern Italian Alps. Vol. 18, EGU2016-18423, 2016, , EGU conference, Vienna, Austria, 2016

- 2015-5
Poster Raynaud, D. Hingray, B., Chardon, J., Anquetin S., Favre, A.C., **François, B.**, Vautard, R., and Tobin, I (2015) Multivariate weather prediction with atmospheric analogs: predictors and probabilistic prediction skill for different European regions. Vol. 17, EGU2015-834, 2015 EGU conference, Vienna, Austria, 2015
- 2015-4
Poster **François, B.**, Hingray, B., Creutin, J.D., Hendrickx, F., (2015) Influence of the management strategy model on estimating water system performance under climate change. Vol. 17, EGU2015-3612, 2015, EGU conference, Vienna, Austria, 2015
- 2015-3
Poster **François, B.**, Borga, M., Creutin, J.D., Hingray, B., Raynaud, D., Sauterleute, J.F., 2016. Complementarity between solar and hydropower: Sensitivity study to climate characteristics in Northern-Italy. Vol. 17, EGU2015-3580, 2015, EGU conference, Vienna, Austria, 2015
- 2015-2
Poster Borga, M., **François, B.**, Creutin, J.D., Hingray, B., Zoccatelli, D., and Tardivo G. (2015) Assessment of potential for small hydrp/solar power integration in a mountainous, data sparse reigon : the role of hydrological accuracy. Vol. 17, EGU2015-10401, 2015, EGU conference, Vienna, Austria, 2015
- 2015-1
Talk **François, B.**, Hingray, B., Creutin, J.D., Raynaud, D., Borga, M., and vautard, R. (2015) Complementarity among climate related energy sources: Sensitivity study to climate characteristics across Europe. Vol. 17, EGU2015-482, 2015, EGU conference, Vienna, Austria, 2015
- 2014-4
Talk **François B.**, M. Borga, S. Anquetin, J.D. Creutin, K. Engeland, A.C. Favre, B. Hingray, M.H. Ramos, D. Raynaud, B.Renard, E. Sauquet, J.F. Sauterleute, J.P. Vidal, G. Warland (2014) Integrating hydropower and intermittent climate-related renewable energies: a call for hydrology. Lyon International Conference ‘water and Energy’’: Preserving the Flow of Life
- 2014-3
Poster Ramos, M.H., Creutin, J.D., Engeland, K., **François, B.** and Renard, B. (2014) System’s flips in climate-related energy (CRE) systems. Vol. 16, EGU2014-9087, 2014. EGU conference, Vienna, Austria, 2014
- 2014-2
Poster **François B.**, M. Borga, S. Anquetin, J.D. Creutin, K. Engeland, A.C. Favre, B. Hingray, M.H. Ramos, D. Raynaud, B.Renard, E. Sauquet, J.F. Sauterleute, J.P. Vidal, G. Warland (2014) Integrating hydropower and intermittent climate-related renewable energies: a call for hydrology. Vol. 16, EGU2014-5761, 2014 EGU conference, Vienna, Austria, 2014
- 2014-1
Talk **François, B.**, Creutin, J.D., Hingray, B., Zoccatelli, D (2014) Integration of small run-of-river and solar power: The hydrological regime prediction/assement accuracy. Vol. 16, EGU2014-5845, 2014. EGU conference, Vienna, Austria, 2014
- 2013-1
Talk **François, B.**, Hingray, B., Creutin, J.D., Hendrickx, F., (2014) Estimating performance of a multi-purpose alpine water reservoir under climate change. Influence of management strategy representation. ICEM conference. Toulouse, France. June 2013
- 2012-1
Talk **François, B.**, Hingray, B., Hendrickx, F., Creutin (2012). La valeur de l’eau stockée : une signature climatologique pour les études d’impacts du changement

global. Conference de l'Association Internationale de Climatologie, Grenoble, France

- 2012-2
Talk **François, B.,** Hingray, B., Hendrickx, F., Creutin (2011). The value of storage water: a climatological signature for global change impact studies. Workshop at SINTEF Energy Research. Trondheim, Norway. June 2011.
- 2011-2
Talk **François, B.,** Hingray, B., Hendrickx, F., Creutin (2011). The value of storage water: a climatological signature for global change impact studies. 64th Canadian Water Resources Association Conference, St Johns, Newfoundland & Labrador, Canada
- 2011-1
Poster **François, B.,** Hingray, B., Hendrickx, F., Creutin (2011). The value of storage water: a climatological signature for global change impact studies. Vol. 10, EGU2011-8829, EGU conference, Vienna, Austria, 2011