



COHERENT

Project results and dissemination

COHERENT Dissemination/outreach, Jan. 2021

COHERENT advisory board meetings

- Advisory board meeting, DTU Lyngby, 14/11, 2019. Advisory Board: Prof. Zoran Vojinovic (IHE Delft Institute for Water Education, University of Exeter), Prof. Anil Markandya (Basque Centre for Climate Change), Prof. Robert Nicholls (Director Tyndall Centre, University of Southampton), Per Sørensen (chief coastal technician the Danish Coastal Directorate).

COHERENT steering group meetings

- Steering group meeting, DTU, Lyngby (+ online) 12/2, 2021.
- Extraordinary steering group meeting, DTU, Lyngby, 29/1, 2020.
- Steering group meeting, DTU, Lyngby, 12/11, 2019.
- Steering group meeting, DTU, Lyngby, 15/3, 2019.
- Steering group meeting, DTU, Lyngby, 19/9, 2018.
- Steering group meeting, DTU, Lyngby, 22/1, 2018.

COHERENT project meetings

- 7th COHERENT project meeting, online, 7. Dec 2020.
- 6th COHERENT project meeting, online, 9 + 17. Jun 2020.
- 5th COHERENT project meeting, Skyttegaarden, Aabenraa, 4-5. Dec., 2019.
- 4th COHERENT project meeting, Skive, 21-22. Maj, 2019.
- 3rd COHERENT project meeting, Nymindesgår, Ringkøbing-Skjern, 9-10. Oct. 2018.
- 2nd COHERENT project meeting, Aabenraa Folkehjem, Aabenraa, 22-23 Marts, 2018.
- 1st COHERENT project meeting, DTU, Lyngby, November 2017.

Journal papers

Planned/in prep

- Halsnæs et al. (in prep): The extended damage cost assessment of coastal flooding hazards based on welfare economics including physical assets, traffic, and human aspects
- Halsnæs et al. (in prep): Cost effectiveness in basing adaptation policies on advanced and simple flooding models and damage cost assessment approaches
- Halsnæs et al. (in prep): Uncertainties in different elements of damage cost estimation for adaptation planning and its role in decision making
- Andree E., Su J., Larsen M.A.D., Madsen K.S. and Drews, M. (in prep): The perfect storm – storm surge model benchmarking to resemble the 1872 disastrous flood in Denmark.
- Martin Drews, Johanne Kristine Bork Øelund, Kirsten Halsnæs, Morten Andreas Dahl Larsen, Lisa Bay, Marie Rosenlund Nielsen, Linda Lundmark, Johanna Alkan Olsson (in prep.): A qualitative study on the different perspectives of a climate risk label. Climate Policy.
- Schaper, J., Sørensen C. and Ratter, B. (in prep): Learning about transdisciplinary cooperation in the management of extreme coastal risks.
- Schaper J., Sørensen C. and Ratter B. (in prep): Methods for transdisciplinary cooperation and cross national learning in coastal hazard risk management.
- Larsen, M.A.D., Drønen N., Madsen K.S. and Halsnæs K. (in prep): Groundwater flooding for three Danish municipalities.

Published/in review

- Andree E., Su J., Larsen M.A.D., Madsen K.S. and Drews, M. (in 2nd review): Simulating major storm surge events in a complex coastal region. Ocean Modelling.
- Larsen MAD, Karamitilios G, Halsnæs K, She J and Madsen KS (in review): Advancing future multi-sectorial climate services by mapping current usage and demand. Climate risk Management.
- Halsnæs, K., Kaspersen, P.S., 2018. Decomposing the cascade of uncertainty in risk assessments for urban flooding reflecting critical decision-making issues. Clim. Change 151, 491–506. <https://doi.org/10.1007/s10584-018-2323-y>

Special issues

- Special Issue in the journal “Sustainability” on High Impact Events & Climate Change (guest editing & editorial: Martin Drews & Hilppa Gregow, May 2019)

Workshops / training / courses / expositions / fairs

- Kaspersen PS and Halsnæs K. (2020): Digital tools for coastal protection and climate adaptation. Presenters: Kirsten, Halsnæs, Technical University of Denmark (DTU), Denmark, Max Steinhausen, GFZ Potsdam, Germany, Nils Drønen, DHI, Denmark, Lisa Alexandra Åström, Scalgo, Denmark, Michel Wortmann, PIK, Germany, Bart Van Den Hurk, Deltares, Netherlands, Jonas van Schroyenstein Lantman, 3Di, Netherlands, Danish and international municipalities/local authorities. IWA World Water & Congress 2020, Copenhagen.
- Kaspersen PS, Bay L and Dømggaard ML (2020): Training in Cost Benefit Analysis of Climate Change Adaptation. IWA World Water & Congress 2020, Copenhagen.
- Coastal management and protection in the context of the COHERENT project. Seminar with open attendance. Key notes from external partners, advisory board members and COHERENT partners. DTU Lyngby, 14/11 – 2019.
- Training and workshop on on the DHI COHERENT impact assessment and adaptation tool. COHERENT project meeting, 4-5. Dec, Aabenraa, Denmark.
- Exposition stand promoting COHERENT. DTU High Tech Summit fair 2019, 30-31 October 2019.
- Exposition stand promoting COHERENT. National Conference on Climate Adaptation 2019, Klikovand, Horsens 23-24. Okt. 2019.
- Training/workshop in COHERENT damage cost, cost-benefit and adaptation tools and methodologies, COHERENT project meeting, Skive, 21-22. May 2020, Denmark.
- Kaspersen PS, Bay L, Drews M. and Dømggaard ML Training in CBA for climate change adaptation and urban, floodwater management, Budapest, 9-10. May 2019.

Network meetings

IPCC work related to the development of Assessment Report No. 6.

- COHERENT members involved (continuously)

DAMOCLES – EU Cost Action Network on Compound Events, Morten A D Larsen in Management Committee. Larsen, MAD (2019): 5th Working Group Meeting, Nov 26-27.,

- Larsen MAD (2019): Tallinn
- Andree, E. (2019: Training School on Statistical Modelling of Compound Events, 23.9.-4.10.2019, Como, Italy.
- Larsen, MAD (2018): 1st DAMOCLES Working Group meeting, Prague, 17-18 Dec., 2018
- Larsen, MAD (2018): DAMOCLES Kick-off meeting, Brussels, 14/9-2019.

ECRA – European Climate Research Network

- Drews, M.,;. (2019): 18th ECRA Executive Committee Meeting, Brussels, BE, 08 October 2019
- Drews, M. Presentation at the General Assembly of the European Climate Research Alliance (ECRA), Brussels, Belgium, 27-28/2 2019.

FORMAS project

- Drews, M. (2019): Præsentation og diskussion af resultater ved projektmøde i Uppsala, Sweden, 14/1 2019
- Halsnæs, K. (2019): Præsentation og diskussion af resultater ved projektmøde i Uppsala, Sweden, 15/1 2019
- Halsnæs, K. (2019): Præsentation og diskussion af resultater ved projektmøde på DTU, Lyngby, 11/9-2019.

C5a Interreg project

- COHERENT members represented at group meeting, 19-21 June, 2019.

Conference sessions

- Climate services for insurance and adaptation: catastrophe and extreme climate risk assessment. ITS5.6/NH9.22. EGU general assembly, 3-9. May, Vienna 2020.
- From hazards to impacts: understanding the mechanisms behind single and compound climate events. ES1.4. European Meteorological Society Annual Meeting 2019, 9-13 Sep., Lyngby, Denmark.
- Water Technology and Digitalization (2) Digital tools for coastal protection and climate adaptation. DTU High Tech Summit, 30-31. Oct. 2019.
- Water Technology and Digitalization (4) Water and climate services. DTU High Tech Summit, 30-31. Oct. 2019.
- High Impact Events and Climate Change, ITS4.7/NH1.26/AS4.48/CL2.08/HS4.3.3/NP9.9. EGU General Assembly 2019, 7-12 Apr. Vienna, Austria.
- Coupled atmosphere-hydrological modeling for improved hydro-meteorological prediction. NH1.7. EGU General Assembly 2019, 7-12 Apr. Vienna, Austria.

Conference presentations

- Andree E., Larsen MAD, Drews M, Bendix A, Su J and Madsen KS (2021): What can idealized storm surge simulations tell us about worst case scenarios? EGU General Assembly 2021 (online).
- Larsen MAD, N. Drønen, K. S. Madsen, B. B. Christensen and K. Halsnæs (2021): Multi-source Compound Flood Simulation and Forecast in the Coastal

Zone: The case of Danish Municipalities. IWA World Water & Congress 2020, Copenhagen.

- Martin Drews, Anna Rutgersson, Kirsten Halsnæs, Elin Andrée, Erik Nilsson and Morten Andreas Dahl Larsen (2021): Structural uncertainties in probabilistic climate change risk assessments: the case of storm surges and their impacts on coastal cities. IWA World Water & Congress 2020, Copenhagen.
- Martin Drews, Kai Schröter, Michel Wortmann, Morten Andreas Dahl Larsen*, Per Skougaard Kaspersen, and Fred Hattermann (2021): Compound risk of extreme pluvial and fluvial floods. IWA World Water & Congress 2020, Copenhagen.
- Martin Drews, Kai Schröter, Michel Wortmann, Morten Andreas Dahl Larsen*, Per Skougaard Kaspersen, and Fred Hattermann (2020): Compound risk of extreme and floods . EGU general assembly, 3-9. May, Vienna 2020.
- The COHERENT Project Team (Carlo Sørensen, DCA and Jürgen Schaper, HZG) (2020): Enabling and Integrating Flood Risk Reduction in Coastal Community Work. presented at AGU Fall Meeting 01.-17. December 2020. URL: https://agu2020fallmeeting-agu.ipostersessions.com/?s=6A-E7-43-C8-34-3D-32-86-61-EA-BC-91-E7-1E-FE-3F&token=kgBRB.D7IC9Is._HRqIFN9nxd45YDr0J0DEobnePu_M (access 03.02.2021).
- Sørensen, C. (2019): Denmark - Coastal challenges and current status on adaption. SMHI Workshop on Sea level rise in the light of the SROCC report, Kolmården, Sverige, 7-8. November 19.
- Larsen, M.A.D. (2019): Digital tools for coastal protection and climate adaptation. DTU High Tech Summit, 30-31. Oct, 2019.
- Madsen, K.S. (2019): The Climate Atlas in coastal protection. DTU High Tech Summit, 30-31. Oct, 2019.
- Konge, D. (2019): NoFloods Barriers - By Environment Solutions. DTU High Tech Summit, 30-31. Oct, 2019.
- Drønen, N. (2019): Coastal Protection Decision Support Tool. DTU High Tech Summit, 30-31. Oct, 2019.
- Christensen, B.B. and Drønen N. (2019): Storm Surge Modelling at the Municipal Level. DTU High Tech Summit, 30-31. Oct, 2019.
- Bay, L. (2019): Damage Cost of Coastal Flooding. DTU High Tech Summit, 30-31. Oct, 2019.
- Sørensen, C.C. (2019): Stakeholder engagement in coastal protection. DTU High Tech Summit, 30-31. Oct, 2019.
- Larsen, M.A.D., Halsnæs K., Drønen N. and Christensen B.B. (2019): Compound events and pressures in coupled catchment and storm surge modelling. European Meteorological Society Annual Meeting 2019, Lyngby, Denmark.

- Drews, M. and Larsen, M.A.D. (2019): Structural uncertainties in probabilistic storm surge impact assessments. EGU General Assembly 2019, 7-12 Apr. Vienna, Austria.
- Larsen, M.A.D., Drews, M. and Halsnæs, K. (2019): Coupled catchment and storm surge modelling for risk assessments in the coastal zone. EGU General Assembly 2019, 7-12 Apr. Vienna, Austria.
- Halsnæs, K. and Larsen, M.A.D. (2019): Dynamic modelling of coastal flooding hazard risk management. EGU General Assembly 2019, 7-12 Apr. Vienna, Austria.
- Kaspersen P.S., Drews M., Ravn N.H. Arnbjerg-Nielsen K. and Madsen H. (2019): A combined remote-sensing and flood-modelling approach for assessing the impacts of urban development and climate change on exposing European cities to pluvial flooding. EGU General Assembly 2019, 7-12 Apr. Vienna, Austria.
- Svenningsen LS & Halsnæs K (2018): COHERENT research project - status and perspective. DTU Sustain 2018, November 2018.
- Svenningsen, L.S. (2018): Opfattelser: "Risikoopfattelse og samarbejde omkring klimatilpasning", DANCORE temadag, Visioner for den nye danske kystforvaltning, Fredag den 2. november 2018.
- Drønen, N.. (2018): Velkomst og oplæg, DANCORE temadag, Visioner for den nye danske kystforvaltning, Fredag den 2. november 2018.
- Halsnæs K. and Larsen M.A.D. (2018): Integrated coastal hazard risk reduction and management – a closer look at the dynamical damage cost methodology used in the COHERENT project. 2nd Baltic Earth Conference: The Baltic sea in transition, Helsingør, Denmark, 11-15th Jun 2018
- Larsen M.A.D. and Halsnæs K. (2018): Integrated hydrology in the COHERENT project. 33rd Nordic Geological Winter Meeting, Kgs Lyngby, Denmark, 10-12th Jan 2018
- Larsen, Morten Andreas Dahl; Halsnæs, Kirsten (2017): Integrating physical pressures, hazard prevention and urban development in the COHERENT project. Book of Abstracts, Sustain 2017. Technical University of Denmark (DTU), 2017. L-17.
- Larsen, Morten Andreas Dahl; Halsnæs, Kirsten (2017): The COHERENT Project. 2017. Poster session presented at DTU Sustain 2017, Kgs. Lyngby, Denmark.
- Larsen, Morten Andreas Dahl; Halsnæs, Kirsten; Drønen, Nils; Sørensen, Carlo; Christensen, Freja B (2017): The COHERENT project: Coastal hazard risk reduction and management. 2017. Poster session presented at Sustain 2017, Kgs. Lyngby, Denmark.

University teaching

- Continuous use of COHERENT material at the DTU course entitled “Klimatilpasning: Metoder og værktøjer” (42281 / E19), 2018-2020.
- Guest lectures at DTU “Klimatilpasning: Metoder og værktøjer” course by Nils Drønen (DHI) (3x) and Carlo S. Sørensen (1x)

COHERENT stakeholder meetings (partly in Danish)

Activities and local working meetings for capacity building and stakeholder involvement for coastal hazard risk reduction and transdisciplinary collaboration in emergency management. With Carlo Sass Sørensen, Danish Coastal Authority (DCA); Mie Thomsen (DCA), Jürgen Schaper (UHH and HZG); Beate Ratter (UHH and HZG), Birgit Gerkenmeier (HZG), Hans Sass Odgaard, Tine Fricke, Mette Arnoldsen Juhl, Rikke Klindt Matthiesen (Team Natur) and others from Aabenraa Kommune Skelbækvej 2, 6200 Aabenraa; Kenneth Achner, Brand & Redning Sønderjylland and others. Running contact and coordination (mail/skype/tlf) with municipalities, Smith Innovation, HZG etc.

Skive

- 22/3 2019 - Bredt inviteret fra kommune og forsyning i.f.t. Skive og vand, v. Carlo Sass Sørensen
- 1/11 2019 - Elværksgrunden vand og geologi for kommune med præsentation fra Geo om Geoatlas Live og lokal modelopsætning, v. Carlo Sass Sørensen

Ringkøbing

- 20/6 2019 -Heldagsekskursion omkring Ringkøbing Fjord med oplæg undervejs fra kommune, KDI m.fl., v. Carlo Sass Sørensen
- 21/3 2019 - Workshop (ca. 15 deltagere) om udfordringer, kapacitetsopbygning og borgerinddragelse, v. Carlo Sass Sørensen

Aabenraa

- 20/3 2019 - Workshop Intern/kommunal kapacitetsopbygning, v. Carlo Sass Sørensen
- 16/5 2019 - Politikermøde om Coherent (2 udvalg), v. Carlo Sass Sørensen
- 19/6 2019 - Collaborative planning of local activities: 1. Improvement of emergency management plans, 2. Communication and information for capacity building and citizens awareness., v. Carlo Sass Sørensen and Jürgen Schaper
- 27/8 2019 - Meeting with the emergency management team and communication team for improving the communication measures., v. Carlo Sass Sørensen and Jürgen Schaper

- 18/9 2019 - Møde med kommune og lokalt beredskab bl.a. 1 skridt i afholdelse af beredskabsøvelser (og efterflg. Planlægning), v. Carlo Sass Sørensen
- 4/2 2020 - Preparation Meeting for planning the physical emergency management exercise with Kenneth Aachner
- 8/2 2020 - Emergency Management Exercise, Aabenraa (Municipality, Em. Man, Port, Water Utility, Police, Coherent part. A.o.) – partly virtual.
- Physical Emergency Exercise in Aabenraa (first planned for March 2020, cancelled and postponed due to first CORONA Lockdown 2020, planned for Spring/Summer 2021, if possible due to COVID-19)

Lemvig

- First WP3-Working Meeting at DCA Lemvig (2019) (Jürgen Schaper, Carlo Sørensen, Mie Thomsen): Conceptual Planning of capacity building activities in Aabenraa (15.-19.2.2019)
- Second WP3-Working Meeting at DCA Lemvig with Carlo Sørensen, Danish Coastal Authority (DCA); Jürgen Schaper, Helmholtz Zentrum Geesthacht (HZG) (2020): Collaborative writing on Journal Paper, development of AGU-Poster and conceptual planning of a virtual emergency management Exercise in Aabenraa (2021) (9.-15.10.2020, DCA, Lemvig)

Emden

- Physical **Emden Treffen** for transnational learning in risk management in Emden GER (first planned for 6. May 2020, cancelled and postponed due to first CORONA Lockdown 2020, planned for in Summer/Autumn 2021, if possible due to COVID-19)

Hamburg

- First Hamburg Meeting (2018) (Beate Ratter (UHH/HZG), Jürgen Schaper (UHH), Birgit Gerkensmeier (HZG), Carlo Sørensen (DCA), Mie Thomsen (DCA): Project Meeting WP3 at the University of Hamburg, Geomatikum: Strategy on collaborative work in WP3: including local collaboration. Planning the next steps in WP3: milestones, deliverables, activities until 2020 (27.-28.6. 2018, Institute for Geography, University of Hamburg).
- Second Hamburg Meeting (2019): (Beate Ratter, Carlo Sørensen, Jürgen Schaper): Collaborative Planning: Outline for COHERENT Paper, Emden Meeting for transnational learning in transdisciplinary risk management between COHERENT and EXTREMENESS, 11.02.2020, Institute for Geography, University of Hamburg)

DMI user-group meetings

- 26/9 2019 - Presentation in Copenhagen, v. Carlo Sass Sørensen
- 24/9 2019 - Presentation in Karup, v. Carlo Sass Sørensen

Transnational Knowledge Transfer from EXTREMENESS to COHERENT

EXTREMENESS - Extreme North Sea Storm Surges and Their Consequences (2016-2019) - Transnational knowledge transfer of results and exchange of experience from the transdisciplinary cooperation in risk management in a Science Stakeholder Collaboration Forum (SCCF) in Emden in the EXTREMENESS subproject E to the COHERENT Workpackage 3. (Selection see below)

Journals (selection)

- Weisse, Ralf; Grabemann, Iris; Gaslikova, Lidia; Meyer, Elke; Tinz, Birger; Fery, Natacha; Möller, Thomas; Rudolph, Elisabeth; Brodhagen, Tabea; Arns, Arne; Jensen, Jürgen; Ulm; Marius; Ratter, Beate; Schaper, Jürgen (2019): Extreme Nordseesturmfluten und mögliche Auswirkungen: Das EXTREMENESS Projekt. Karlsruhe: Bundesanstalt für Wasserbau. Die Küste, 87, 2019, <https://doi.org/10.18171/1.087110>.
- Rudolph, Elisabeth; Brodhagen, Tabea; Fery, Natacha; Gaslikova, Lidia; Grabemann, Iris; Meyer, Elke; Möller, Thomas; Tinz, Birger; Weisse, Ralf (2019): Analyse extremer Sturmfluten an der deutschen Nordseeküste und ihrer möglichen Verstärkung. Karlsruhe: Bundesanstalt für Wasserbau. Die Küste, 87, 2019, <https://doi.org/10.18171/1.087111>.
- Schaper, Jürgen; Ulm, Marius; Arns, Arne; Jensen, Jürgen; Ratter, Beate; Weisse, Ralf (2019): Transdisziplinäres Risikomanagement im Umgang mit extremen Nordsee-Sturmfluten – Vom Modell zur Wissenschafts-Praxis-Kooperation. Karlsruhe: Bundesanstalt für Wasserbau. Die Küste, 87, 2019, <https://doi.org/10.18171/1.087112>.
- Ratter, Beate; Schaper, Jürgen (2019): Risikomanagement in der „Badewanne“ – wenn in Ostfriesland bei Sturmflut Wasser von allen Seiten kommt. Geographische Rundschau 9/2019, 28-33.

Reports (EXTREMENESS)

- Extreme North Sea Storm Surges and their Consequences. Zwischenbericht für den Berichtszeitraum 1/2018 bis 12/2018.
- Extreme North Sea Storm Surges and their Consequences. Schlussbericht für den Zeitraum 10/2016 bis 9/2019. URL: https://www.hzg.de/imperia/md/images/mw/03f0758a-e_schlussbericht_extremeness.pdf (access 03.02.2021).

Presentations and abstract (selection)

- Schaper, Jürgen; Ratter, Beate (2019): EXTREMENESS-E: Transdisziplinäre Bewertung unterschiedlicher Risikomanagementoptionen. 24. KfKI Seminar zur Küstenforschung, 21. November 2019, Hamburg. Vortrag. https://izw.baw.de/publikationen/kfki-seminare/0/24_KfKI-Seminar_EXTREMENESS_Schaper_Ratter.pdf (access 03.02.2021).
- Schaper, J.; Ratter, B. (2019): EXTREMENESS-E: Transdisziplinäre Bewertung unterschiedlicher Risikomanagementoptionen. 24. KfKI Seminar zur Küstenforschung, 21. November 2019, Hamburg. Abstract zum Vortrag. https://izw.baw.de/publikationen/kfki-seminare/0/24_KfKI-Seminar2019_Abstract_EXTREMENESS_E_Schaper.pdf (access 03.02.2021).

HZG-Blogbeitrag

- Ulm, Marius; Schaper, Jürgen; Bönewitz, Martin (2018): Forschung trifft Praxis – Was passiert bei einer Katastrophensturmflut? Online-Beitrag auf Helmholtz Blogs, HZG Geesthacht am 19.12.2018. URL: <https://blogs.helmholtz.de/kuestenforschung/2018/12/19/forschung-trifft-praxis-was-passiert-bei-einer-katastrophensturmflut/> (access 03.02.2021)

Website (EXTREMENESS Project)

- Extreme North Sea Storm Surges and Their Consequences (2016-2019)
URL: <https://www.hzg.de/ms/extremeness/index.php.en> (access 03.02.2021)
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Stakeholder outreach

- Drønen, N. (2020): "Flood Risk webinar", 2 x Webinars (2 time zones), Oct. 1, 2020
- Drønen, N. (2020): "Webinar: Step-up Climate Adaptation, Accelerate Decision-Making", 2 x Webinars (2 time zones), Oct. 15, 2020
- Drønen, N. (2020): "DHI BLUE Café: Climate adaptation and integrated flood risk management", 2 x Webinars (2 time zones), Nov. 24, 2020
- Drønen, N. (2020): "Shoreline Management how to protect your coast, Module 4: Planning for climate change". DHI Academy online courses, Nov. 12, 2020 and Dec. 16, 2020
- Nils Drønen (2019): Easy web access to high-end coastal-inland-urban flooding and damage loss assessment. COHERENT seminar on coastal management and protection in the context of the COHERENT project, 14/11-19. DTU, Lyngby.
- Kirsten Halsnæs (2019): A welfare economic based approach for assessing climate hazard costs in the Coastal zone. COHERENT seminar on coastal

management and protection in the context of the COHERENT project, 14/11-19. DTU, Lyngby.

- Kirsten Halsnæs (2019): Climate risks, policy goals and the role of the private sector. Presentation for Århus Konservative Partis Erhvervsforum, 29. October 2019
- Sørensen, C.C. (2019): Samarbejder om mere vand fra alle sider. National Conference On Climate Adaptation 2019, Klikvand, Horsens 23-24. Okt. 2019.
- Kirsten Halsnæs (2019): Climate policies and strategic perspectives from the perspective of Nordic Unions of the retail sector employees, Illulisat Greenland 21. August 2019
- Drønen, N (2019): Climate adaptation of inundation – a new web based tool. DHI events for Danish Municipalities – “Store Badedag” – Eastern and Western Denmark, East: 18. Juni: DHI, Agern Alle 5, 2970 Hørsholm.
- Drønen, N (2019): Climate adaptation of inundation – a new web based tool. DHI events for Danish Municipalities – “Store Badedag” – Eastern and Western Denmark, West: 19. Juni: Aarhus Kommune, Roof-top lokalet, Karen Blixens Boulevard 7, 8220 Brabrand
- Drønen, N. (2019): DMI's slutbruger workshop: Input med udgangspunkt i behov for klimadata til COHERENT platformen, 10.-11. april 2019, Akademisk Arkitektforening – ½ dags kursus om kystnatur og kystteknik – herunder præsentationer resultater fra COHERENT WP1 og WP5.

General / popular oral outreach

- Kirsten Halsnæs (2019): Climate risks and adaptation, Folkeuniversitetet Odense, 29 April 2019
- Kirsten Halsnæs (2019): Keynote Presentation: Climate Change Challenges - Major Conclusions by the IPCC. Danish Engineering Association Respond Festival 6-8 June 2019
- Kirsten Halsnæs (2019): Panel presentation and discussion on Coastal Hazard protection and COHERENT Results. Folkemødet Bornholm, June 2019
- Kirsten Halsnæs (2019): Climate change urgent policy issues. Presentation and panel discussion at Science and Cocktails, Christiania Denmark, 18. April 2019
- Kaspersen, P.S. (2019): Konsekvenser af stormflod og klimatilpasning i kystområder. Kerteminde Seniorhøjskole, 1. Oktober 2019.

Selected and recent media occurrences relevant to COHERENT

- Berlingske. Brug af dårlige klimadata kan føre til fejlagtige beslutninger og dyre skader. 30/11-2020.

- Ingeniøren: Kan et worst-case scenario for stormflod blive for slemt? 26/11-2020.
- Ingeniøren: Altid vigtigt at diskutere forudsætningerne for en analyse. 19/11-2020.
- Ingeniøren: Beslutningsgrundlag for sikring mod stormflod skal være rationelt. 17/11-2020.
- Teknik og Miljø: Kommuner får nøglerolle i ny klimaplan, 22/10-2019.
- Kristeligt Dagblad: Klimafrygt presser huse i værdi, 21. oktober 2019.
- Jyllands-posten: Klimaforskere: Skybryd i Danmark bliver kraftigere end antaget, 20/10-2019.
- Ingeniøren: Boligkøbere får ikke nok klima-oplysninger, 10/10-2019.
- Berlingske Tidende: Verdens metropoler synker - men kan de også selv være med til at løse klimaudfordringerne?, 6/10-2019.
- Kristeligt Dagblad, Greta Thunberg deler vandene med klima-tale, 25/9-2019.
- Politiken: Eksperter: Undervurdering af økonomiske tab ved oversvømmelser stopper fornuftige klimaprojekter, 13. september 2019.
- TV2: Går jorden under om 200 år? Her er fire klimaforskeres svar, 13. september 2019.
- Jyllands-posten: Stormflod og skybrud koster langt mere, end vi tror, 13. september 2019.
- Ingeniøren: Er udsigt vigtigere end helbred og sikring mod oversvømmelser? 3. september 2019.
- Weekendavisen: Grøn økonomi, 30. august 2019, Sektion 1.
- DR2, Deadline: Dansk Folkeparti og klimapolitikken Uddrag, 12. august 2019.11.08
- Weekendavisen: Mens vi venter på stormen, 19. juli 2019.
- Ekstrabladet: Eksperter om klimaplaner: Meget svært og meget dyrt, 1. juli 2019.
- Politiken: Nogle kommuner har gang i over 100 klimaprojekter, andre har kun et enkelt, 30. april 2019.
- Danske Kommuner: Kommuner står alene om klimatilpasningen, 24. april 2019.

COHERENT product webpages

- DHI, FloodRisk product landing page: <https://www.dhigroup.com/business-applications/dhi-floodrisk>

Pictures from events



Budapest, 2019. Workshop utilizing COHERENT methodologies.



*Exposition stand promoting COHERENT.
National Conference on Climate Adaptation 2019, Klikovand, Horsens 23-24. Okt. 2019.*



Exposition stand promoting COHERENT. DTU High Tech Summit fair 2019, 30-31 October 2019.



3rd COHERENT project meeting, Nymindegab, 9-10 Oct 2018.