

Mirjam S. Glessmer

Publications

Journals

Glessmer, M. S. (2020). How to teach motivating and hands-on laboratory and field courses in a virtual setting. *Oceanography* 33(4):130–132, <https://doi.org/10.5670/oceanog.2020.417>.

Glessmer, M. S., Steiger, N., Darelius, E., and Wåhlin, A. (2020) Are Warm Ocean Currents Melting the Ice in Antarctica? *Front. Young Minds*. 8:124. doi: 10.3389/frym.2020.00124

Wåhlin, A.K., Steiger, N., Darelius, E., Assmann, K. M., Glessmer, M. S., Ha, H. K., Herraiz-Borreguero, L., Heuzé, C., Jenkins, A., Kim, T. W., Mazur, A. K., Sommeria, J., Viboud, S. (2020) Ice front blocking of ocean heat transport to an Antarctic ice shelf. *Nature* 578, 568–571. doi: 10.1038/s41586-020-2014-5

Glessmer, M. S. (2019) When Water Swims in Water, Will it Float, or Will it Sink? Or: What Drives Currents in the Ocean? *Front. Young Minds*. 7:85. doi: 10.3389/frym.2019.00085

Glessmer, M. S. (2019) How Does Ice Form in the Sea? *Front. Young Minds*. 7:79. doi: 10.3389/frym.2019.00079

Gleßmer, M. (2018). Wenn die Flüsse aufwärts fließen – Doppeldiffusive Vermischung im Ozean. *Naturwissenschaften im Unterricht – Chemie*, Volume 166, 39–42.

Glessmer, M. S., & de Wet, P. D. (2018). Supporting conceptual understanding of the Coriolis force through laboratory experiments. *Current – The Journal of Marine Education*, Volume 31-2, 25–33.

Glessmer, M. S. (2017). Wie die Sonne Meeresströmungen antreibt. *Physikalische Meereskunde. Plus Lucis*, 3/2017, 36–40.

Glessmer, M. S., & Janßen, C. F. (2017). Using an interactive Lattice Boltzmann solver in fluid mechanics instruction. *Computation*, 5(3), 35. doi:10.3390/computation5030035

Glessmer, M. S., & Lüth, T. (2016). Lernzieltaxonomische Klassifizierung und gezielte Gestaltung von Fragen. *Zeitschrift für Hochschulentwicklung*, 11(5). doi:10.3217/zfhe-11-05/12

Glessmer, M. S., Eldevik, T., Våge, K., Nilsen, J. E. Ø., & Behrens, E. (2014). Atlantic origin of observed and modelled freshwater anomalies in the Nordic Seas. *Nature Geoscience*, 7(11), 801. doi:10.1038/ngeo2259

Eldevik, T., Risebrobakken, B., Bjune, A. E., Andersson, C., Birks, H. J. B., Dokken, T. M., Drange, H., Glessmer, M. S., Li, C., Nilsen, J. E. Ø., Otterå, O. H., Richter, K., & Skagseth, Ø. (2014). A brief history of climate – the northern seas from the Last Glacial Maximum to global warming. *Quaternary Science Reviews*, 106, 225-246. doi:10.1016/j.quascirev.2014.06.028

Børsen, T., Antia, A. N., & Glessmer, M. S. (2013). A case study of teaching social responsibility to doctoral students in the climate sciences. *Science and Engineering Ethics*, 19(4), 1491-1504. doi: 10.1007/s11948-013-9485-9

Glessmer, M. S., Wang, Y., & Kontak, R. (2012). Networking as a tool for Earth Science women to build community and succeed. *Eos, Transactions American Geophysical Union*, 93(41), 406-407. doi:10.1029/2012EO410011

Glessmer, M. S., Park, W., & Oschlies, A. (2011). Simulated reduction in upwelling of tropical oxygen minimum waters in a warmer climate. *Environmental Research Letters*, 6(4), 045001. doi:10.1088/1748-9326/6/4/045001

Glessmer, M. S., Eden, C., & Oschlies, A. (2009). Contribution of oxygen minimum zone waters to the coastal upwelling off Mauritania. *Progress in Oceanography*, 83(1), 143-150. doi:10.1016/j.pocean.2009.07.015

Glessmer, M. S., Oschlies, A., & Yool, A. (2008). Simulated impact of double-diffusive mixing on physical and biogeochemical upper ocean properties. *Journal of Geophysical Research: Oceans*, 113(C8). doi:10.1029/2007JC004455

Peer-reviewed conference proceedings

Riedel, U., Simon, S., Sankowski, O., Glessmer, M. S., & Krause, D. (2017). Open assignments in a first year student project. In J. C. Quadrado, J. Bernadino & J. Rocha (Eds.), *Proceedings of the 45th SEFI Annual Conference 2017 “Education Excellence for Sustainability”* (p. 1077–1084). Brussels, Belgium.

Glessmer, M. S., & Seifert, C. (2017). E-assessment to increase the perceived importance of mathematics in the introductory phase of engineering education via bridging tasks. In J. C. Quadrado, J. Bernadino & J. Rocha (Eds.), *Proceedings of the 45th SEFI Annual Conference 2017 "Education Excellence for Sustainability"* (p. 1549–1556). Brussels, Belgium.

Kruse, K., Dostal, L., Glessmer, M. S., Konchakova, N., & Seifert, C. (2017). Conception of online e-assessment exercises for math courses with elements from mechanical engineering. In G. Kamasch, H. Klaffke & S. Knutzen (Eds.), *Technische Bildung im Spannungsfeld zwischen Beruflicher und Akademischer Bildung. Die Vielfalt der Wege zur technischen Bildung. Referate der 11. Ingenieurpädagogischen Regionaltagung 2016 an der Technischen Universität Hamburg vom 23.–25. Juni 2016* (pp. 232–236). Siegen, Germany: Universität Siegen – UniPrint.

Riedel, U., Glessmer, M. S., Meeuw, H., Beckmann, G., Simon, S., Fiedler, B., & Krause, D. (2017). Entwicklung eines freiwilligen und darauf aufbauend eines verpflichtenden Projekts in der Studieneingangsphase – lessons learned. In G. Kamasch, H. Klaffke & S. Knutzen (Eds.), *Technische Bildung im Spannungsfeld zwischen Beruflicher und Akademischer Bildung. Die Vielfalt der Wege zur technischen Bildung. Referate der 11. Ingenieurpädagogischen Regionaltagung 2016 an der Technischen Universität Hamburg vom 23.–25. Juni 2016* (pp. 269–275). Siegen, Germany: Universität Siegen – UniPrint.

Janßen, C. F., & Glessmer, M. S. (2017). Using an interactive simulation tool for inquiry-based teaching in fluid mechanics. In G. Kamasch, H. Klaffke & S. Knutzen (Eds.), *Technische Bildung im Spannungsfeld zwischen Beruflicher und Akademischer Bildung. Die Vielfalt der Wege zur technischen Bildung. Referate der 11. Ingenieurpädagogischen Regionaltagung 2016 an der Technischen Universität Hamburg vom 23.–25. Juni 2016* (pp. 302–305). Siegen, Germany: Universität Siegen – UniPrint.

Konchakova, N., Glessmer, M. S., & Heyden, E. (2017). Individual preparation for the mechanics exam with help of e-assessment system. In G. Kamasch, H. Klaffke & S. Knutzen (Eds.), *Technische Bildung im Spannungsfeld zwischen Beruflicher und Akademischer Bildung. Die Vielfalt der Wege zur technischen Bildung. Referate der 11. Ingenieurpädagogischen Regionaltagung 2016 an der Technischen Universität Hamburg vom 23.–25. Juni 2016* (pp. 306–309). Siegen, Germany: Universität Siegen – UniPrint.

Glessmer, M. S., Lüth, T., & Seifert, C. (2016). Ein Entscheidungsbaum als Werkzeug für die Erstellung guter Fragen In W. Paravicini & J. Schnieder (Eds.): *Hanse-Kolloquium zur Hochschuldidaktik der Mathematik 2015, Beiträge zum gleichnamigen Symposium am 13. & 14. November 2015 an der Universität zu Lübeck*, (pp. 51–63). Münster, Germany: WTM-Verlag.

Glessmer, M. S., Seifert, C., Dostal, L., Konchakova, N., & Kruse, K. (2016). Individualisierung von Großveranstaltungen. Oder: Wie man Ingenieurstudierenden die Mathematik schmackhaft macht. In W. Paravicini & J. Schnieder (Eds.): *Hanse-Kolloquium zur Hochschuldidaktik der Mathematik 2015, Beiträge zum gleichnamigen Symposium am 13. & 14. November 2015 an der Universität zu Lübeck*, (pp. 64–75). Münster, Germany: WTM-Verlag.

Glessmer, M. S., Seifert, C., Dostal, L., Konchakova, N., & Kruse, K. (2016). Providing opportunities for individual practice and assessment in a large undergraduate mathematics course. In P. Kapranos (Ed.): *Proceedings of the Sixth International Symposium of Engineering Education* (pp. 13–20). Padstow, UK: TJ International.

Glessmer, M. S., Lüth, T., & Seifert, C. (2016). Using a modification of Bloom's taxonomy to design multiple-choice questions to practice different kinds of knowledge and specific cognitive processes. In P. Kapranos (Ed.): *Proceedings of the Sixth International Symposium of Engineering Education* (pp. 326–333). Padstow, UK: TJ International.

Glessmer, M. S., & Brose, A. (2014). Misalignment of everyday and technical language. In *Frontiers in Education Conference, 2014 IEEE* (pp. 1–4). Madrid, Spain: IEEE.

Glessmer, M. S., Pick, M.-A., & Göttisch, P. (2014). Enabling backchannel communication between a lecturer and a large group. In *Proceedings of the 42nd SEFI Conference* (pp. 1–8). Birmingham, UK: SEFI.

Theses

Glessmer, M. S. (2011). *Analyse und Weiterentwicklung von Lehrkonzepten in der Ausbildung von Doktoranden der Klimawissenschaften zur Verantwortung von Wissenschaftlern* (master's thesis). University of Hamburg, Germany.

Glessmer, M. S. (2010). *A model-based investigation of transport pathways of thermocline waters to the ocean surface, with a focus on tropical oxygen minimum zones* (doctoral dissertation). Kiel University, Germany.
http://eldiss.uni-kiel.de/macau/receive/dissertation_diss_00004989

Glessmer, M. S. (2006). *Impact of double-diffusive mixing on upper-ocean properties* (diploma thesis). University of Hamburg, Germany.

Book

Glessmer, M. S. (2020). *Wasser gucken mit Line!* Norderstedt, Germany: Books on Demand. ISBN 3752621486 (English translation published as well: *Wave watching with Pauline*. ISBN: 3751979778)

Glessmer, M. S. (2016). *Komm, wir gucken Wasser! Beim Spaziergang Wellen und Strömungen entdecken*. Norderstedt, Germany: Books on Demand. ISBN: 3743100851 (English translation published as well: *Let's go wave-watching! Strolling through oceanography*. ISBN: 374310248X)

Book chapter

Glessmer, M. S., Adams, A., Hastings, M. G., & Barnes, R. T. (2015). Taking ownership of your mentoring: lessons learned from participating in the Earth Science Women's Network. In G. D. Wright (Ed.), *The Mentoring Continuum: From Graduate School Through Tenure*. Syracuse, USA: Graduate School Press of Syracuse University

Edited

Scheffold, M., Achermann, D., Behrens, J., Brüggemann, M., Frisius, T., Gleßmer, M., Hense, I., Kaleschke, L., Kutzbach, L., Rödder, S., Scheffran, J., & Baehr, J. (2018). Scales in the Climate System. An example of interdisciplinary teaching and learning. E-book, available at <https://scales-course.cen.uni-hamburg.de/main-script/teaching-scales-in-the-climate-system/>

Glessmer, M. S., Knutzen, S., & Salden, P. (Eds.) (2015). *Die Spannung steigern. Laborpraktika didaktisch gestalten*. Schriften zur Didaktik der Ingenieurwissenschaften Nr. 3, Hamburg, Germany

Other publications

Regular blogging for my personal blog "[Adventures in Oceanography and Teaching](#)" (since 2013), [Elin Darelus & team's](#) research blog (since 2017) and Torge Martin's "[Teaching Ocean Science](#)" blog (since 2019).

Guest blog post for many blogs, e.g.

- [The DYNamics Team's](#) blog (2020)
- [Einfach gute Lehre](#), the teaching blog of Kiel University (2020)
- [Sci/Why](#), the blog where Canadian children's writers discuss science, words, and the eternal question – why? (2017)

Contribution to IPN Journal

- Glessmer, M.S., Kapitza, M., Siebert, S. (2018). Der KiSOC zeigt, wie's gehen kann. Wissenschaftskommunikation mit Instagram. *IPN Journal* 4, 9–15.
- Glessmer, M.S., Kapitza, M., Siebert, S. (2019). Der KiSOC zeigt, wie's gehen kann. Wissenschaftskommunikation mit Instagram, Teil II. *IPN Journal* 5, 27–31.

Contribution to הוראה באקדמיה (Teaching in the Academy), Issue No 6

- Ask your students to take a picture to help them connect theoretical lecture content to the reality of their everyday life (2016).

Contribution to the SERC "[On the Cutting Edge](#)" topical resources for teaching activities

- Melting Ice Cubes (2016. Awarded a spot in the *On the Cutting Edge Exemplary Teaching Activities* collection).

Contributions to *In the Trenches*, the news magazine of the National Association of Geoscience Teachers

- The Coolest Mixing Process in the Ocean (2016).
- A Very Simple Experiment for Understanding Global Ocean Circulation (2016).

Guest blog posts for *GeoEd*, the European Geoscience Union's blog's education column

- GeoEd: Using art in your science teaching and outreach. The why and the how. (2016).
- GeoEd: One example of how playing works in outreach activities! (2016).
- GeoEd: For the best hands-on outreach experiences, just provide opportunities for playing! (2016).
- GeoEd: How do we make climate predictions? An idea for an outreach activity. (2015).

Conference participation

Glessmer, M. S., Daae, K., Darelus, E., Martin, T., Lübbecke, J. (2020, September). #BergenWaveWatching: Field work right outside our students' homes. Virtual poster presented at the Teaching & Learning SIG online for the Enhancing Fieldwork Learning #FieldWorkFix, Chester, UK.

Glessmer, M. S., Daae, K., Darelus (2020, September). #KitchenOceanography: Bringing physical oceanography into students' homes. Virtual poster presented at the Teaching & Learning SIG online for the Enhancing Fieldwork Learning #FieldWorkFix, Chester, UK.

Martin, T., Glessmer, M. S., Darelus, E., Appelhans, Y. (2020, February). ED11B-10 - *Telling ocean science stories on social media*. E-Lightning talk and poster presented at the Ocean Sciences Meeting, San Diego, USA.

Riedel, U., Glessmer, M. S., Meeuw, H., Beckmann, G., Simon, S., Fiedler, B., & Krause, D. (2017, September). *Open Assignments in a First-Year Students' Project*. Presentation at 45th SEFI annual conference, Azores, Portugal.

Glessmer, M. S., & Seifert, C. (2017, September). *Enhancing mathematics in introductory phase of engineering education via bridging e-assessment*. Presentation at 45th SEFI annual conference, Azores, Portugal.

Glessmer, M. S., & Lennartz, S. (2017, July). *Public aTANTion! A citizen science project investigating the influence of sunscreen on the Baltic Sea*. Poster presented at Advances in Integrated Ocean Research towards Sustainable Development, Kiel, Germany.

Glessmer, M. S., & Lübbecke, J. (2017, July). *What do we need to know to predict ENSO? Student-centered learning in a Master course in Climate Physics*. Poster presented at Advances in Integrated Ocean Research towards Sustainable Development, Kiel, Germany.

Lübbecke, J., & Glessmer, M. S. (2017, April). *What do we need to know to predict ENSO? Student-centered learning in a Master course in Climate Physics*. PICO presentation at the European Geosciences Union General Assembly, Vienna, Austria.

Glessmer, M. S., & Janßen, C. F. (2016, July). *An interactive simulation tool for inquiry-based teaching in fluid mechanics*. Presentation at the 13th International Conference for Mesoscopic Methods in Engineering and Science, Hamburg, Germany.

Glessmer, M. S., & Seifert, C. (2016, July). *Providing opportunities for individual practice and assessment in a large undergraduate mathematics course*. Presentation at the Sixth International Symposium of Engineering Education, Sheffield, UK.

Glessmer, M. S., Lüth, T., & Seifert, C. (2016, July). *Using a modification of Bloom's taxonomy to design multiple-choice questions to practice different kinds of knowledge and specific cognitive processes*. Poster presented at the Sixth International Symposium of Engineering Education, Sheffield, UK. (Best Poster award winner)

Konchakova, N., Glessmer, M. S., & Heyden, E. (2016, June). *Individual Preparation for the Mechanics Exam with Help of E-Assessment-System*. Poster presented at the 11. Ingenieurpädagogische Regionaltagung 2016, Hamburg, Germany.

Janßen, C. F., & Glessmer, M. S. (2016, June). *Using an interactive simulation tool for inquiry-based teaching in fluid mechanics*. Poster presented at the 11. Ingenieurpädagogische Regionaltagung 2016, Hamburg, Germany.

Riedel, U., Glessmer, M. S., H., Beckmann, G., Simon, S., Fiedler, B., & Krause, D. (2016, June). *Entwicklung eines freiwilligen und darauf aufbauend eines verpflichtenden Projekts in der Studieneingangsphase -- lessons learned*. Presentation at the 11. Ingenieurpädagogische Regionaltagung 2016, Hamburg, Germany.

Kruse, K., Dostal, L., Glessmer, M. S., Konchakova, N., & Seifert, C. (2016, June). *Conception of Online E-Assessment Exercises for Math Courses with Elements from Mechanical Engineering*. Presentation at the 11. Ingenieurpädagogische Regionaltagung 2016, Hamburg, Germany.

Baehr, J., Behrens, J., Brüggemann, M., Frisius, T., Glessmer, M. S., Hartmann, J., ... & Scheffran, J. (2016, April). *Teaching Scales in the Climate System: An example of interdisciplinary teaching and learning*. Poster presented at the European Geosciences Union General Assembly, Vienna, Austria.

Glessmer, M. S., & Seifert, C. (2015, November). *Studiengang-spezifisches üben innerhalb von Großveranstaltungen*. Presentation at Hanse-Kolloquium zur Hochschuldidaktik der Mathematik 2015 Lübeck, Lübeck, Germany.

Glessmer, M. S., Lüth, T., & Seifert, C. (2015, November). *Multiple-Choice Fragen auf unterschiedlichen Kompetenzniveaus entwickeln*. Presentation at Hanse-Kolloquium zur Hochschuldidaktik der Mathematik 2015 Lübeck, Lübeck, Germany.

Glessmer, M. S., Lüth, T., & Seifert, C. (2015, October). *Studiengang-spezifisches Assessment trotz Großveranstaltungen*. Presentation at 4. Lehr-/Lernkonferenz im Rahmen des Programms „Fellowships für Innovationen in der Hochschullehre“, Smart Teaching – Better Learning! Digitales Lehren und Lernen an Hochschulen. Berlin, Germany.

Glessmer, M. S., Pick, M.-A. & Göttisch, P. (2014, November). *Der Einsatz eines Backchannel-Tools an der TU Hamburg-Harburg*. Presentation at IPW, Siegen, Germany.

Glessmer, M. S., & Brose, A. (2014, October). *Misalignment of everyday and technical language*. Presentation at IEEE Frontiers In Education, Madrid, Spain.

Glessmer, M. S., & Richter, K. (2014, October). *Conducting oceanographic tank experiments in a traditional classroom*. Presentation at EMSEA14, Gothenburg, Sweden.

Glessmer, M. S., Pick, M.-A., & Götsch, P. (2014, September). *Enabling backchannel communication between a lecturer and a large group*. Presentation at SEFI, Birmingham, UK.

Braker, G., Wang, Y., Glessmer, M. S., & Kirchgässner, A. (2014, May). *The ESWN network as a platform to increase international collaboration between women in the Earth Sciences*. Poster presented at European Geosciences Union General Assembly, Vienna, Austria.

Glessmer, M. S., Adams, M., de Boer, A. M., Hastings, M. & Kontak, R. (2013, April). *The ESWN webpage as a tool to increase international collaboration in the Earth Sciences*. Presentation at European Geosciences Union General Assembly, Vienna, Austria.

Glessmer, M. S., Eldevik, T., Nilsen, J. E. Ø., & Våge, K. (2013, April). *Atlantic origin of Nordic Seas freshwater anomalies*. Presentation at European Geosciences Union General Assembly, Vienna, Austria.

Glessmer, M. S., Eldevik, T., Nilsen, J. E. Ø., & Våge, K. (2012, December). *Sources and propagation of anomalous freshwater content in the Nordic Seas*. Presentation at ASOF "Arctic Freshwater" workshop, Lerici, Italy.

Glessmer, M. S., Eldevik, T., Nilsen, J. E. Ø., & Våge, K. (2012, September). *Sources and propagation of anomalous freshwater content in the Nordic Seas*. Presentation at Int. Joint conference EU-THOR and BMBF North Atlantic projects, Hamburg, Germany.

Glessmer, M. S., Eldevik, T., Nilsen, J. E. Ø., & Våge, K. (2012, September). *Sources and propagation of anomalous freshwater content in the Nordic Seas*. Presentation at ICES Annual Science Conference, Bergen, Norway.

Glessmer, M. S., Eldevik, T., Nilsen, J. E. Ø., & Våge, K. (2012, September). *Sources and propagation of anomalous freshwater content in the Nordic Seas*. Poster presented at Bjerknes Centre anniversary conference "Climate Change in High Latitudes", Bergen, Norway.

Nilsen, J. E. Ø., Eldevik, T., Skagseth, Ø., Fer, I., Furevik, T., Glessmer, M. S., Jeansson, E., Mork, K.A., Oliver, K., Olsson, A., Sandø, A. B., Smedsrud, L.H., Våge, K., Østerhus, S. (2012, September). *Ventilation, pathways, and overflows of the Nordic Seas*. Poster presented at Bjerknes Centre anniversary conference "Climate Change in High Latitudes", Bergen, Norway.

Glessmer, M. S., Eldevik, T., Nilsen, J. E. Ø., & Våge, K. (2012, Februar). *Nordic Seas freshwater anomalies tracked back to the Atlantic inflow?*. Presentation at Ocean Sciences Meeting, Salt Lake City, USA.

Glessmer, M. S., Eldevik, T., & Nilsen, J. E. Ø. (2011, November). *Nordic Seas freshwater anomalies traced back to the Atlantic inflow?*. Presentation at Joint THOR/ASOF Meeting, Bergen, Norway.

Glessmer, M. S., Antia, A. N. & Børsen, T. (2010, October). *Prepared for social responsibility? Report from a Ph.D. retreat at the University of Kiel*. Presentation and poster at International Workshop Preparing for Social Responsibility. Teaching ethics, peace and sustainability to students in science and engineering, Delft, The Netherlands.

Glessmer, M. S., Eden, C., & Oschlies, A. (2010, October). *A model-based investigation of transport pathways of thermocline waters to the ocean surface, with a focus on tropical oxygen minimum zones*. Presentation at Physical Oceanography Dissertation Symposium VI, Honolulu, USA.

Glessmer, M. S., & Oschlies, A. (2010, February). *Connections of the Atlantic and Pacific Oxygen Minimum Zones to the Surface Ocean Investigated in Models of Different Horizontal Resolutions*. Poster presented at American Geophysical Union Ocean Science Meeting, Portland, USA.

Glessmer, M. S., & Oschlies, A. (2009, January). *Impact of model resolution on the simulated source waters of the coastal upwelling off Mauritania*. Poster presented at Association for the Sciences of Limnology and Oceanography Aquatic Sciences Meeting, Nice, France.

Glessmer, M. S., Eden, C., & Oschlies, A. (2008, Juni). *Contributions of Oxygen Minimum Zone Waters to the Upwelling off Mauritania*. Poster presented at Eastern Boundary Upwelling Ecosystem Symposium, Las Palmas, Spain.

Glessmer, M. S., Eden, C., & Oschlies, A. (2008, April). *Contributions of Oxygen Minimum Zone Waters to the Upwelling off Mauritania*. Poster presented at European Geosciences Union General Assembly, Vienna, Austria.

Publications – Mirjam S. Glessmer

Glessmer, M. S., Eden, C., & Oschlies, A. (2008, March). *Upwelling off Mauritania - Transports, pathways and importance for the ventilation of the OMZ investigated in an eddy-resolving model*. Presentation at American Geophysical Union Ocean Science Meeting, Orlando, USA.

Glessmer, M. S., Eden, C., & Oschlies, A. (2007, November). *Modelling the Upwelling off Mauritania*. Presentation at African Monsoon Multidisciplinary Analyses 2nd international conference, Karlsruhe, Germany.

Glessmer, M. S., Eden, C., & Oschlies, A. (2007, April). *Origin of source waters of the West African upwelling region – A model study*. Poster presented at European Geosciences Union General Assembly, Vienna, Austria.

Glessmer, M. S., Oschlies, A., & Yool, A. (2007, April). *Simulated impact of double-diffusive mixing on physical and biogeochemical upper-ocean properties*. Poster presented at European Geosciences Union General Assembly, Vienna, Austria.

Glessmer, M. S., Oschlies, A., & Backhaus, J. O. (2006, April). *Impact of double-diffusive mixing on upper-ocean properties*. Poster presented at European Geosciences Union General Assembly, Vienna, Austria.