

### **Dr Giuseppe MASETTI's professional background**

Dr. Giuseppe MASETTI is a Specialist Consultant at the Danish Geodata Agency (DGA) – Danish Hydrographic Office. He joined the DGA in 2019 and has successively engaged in hydrographic data management, bathymetric modeling, and the evaluation of new hydrographic technologies. As Denmark's representative, he is involved in several working groups of IHO (CSBWG, DQWG, HSWG, and S-102PT), BSHC (BSBDWG), and NSHC (TWG). He has both practical experience (i.e., he was a hydrographer with the Italian Navy) and an academic background, holding an adjunct research faculty position with the Center for Coastal and Ocean Mapping (University of New Hampshire, USA). He is the lead developer of popular open-source tools in use by the hydrographic community (e.g., HydrOffice's Sound Speed Manager). He has published several research articles and conference proceedings (see attached CV). He is currently the guest editor of a special issue "Advances in Ocean Mapping and Nautical Cartography" for the MDPI Geomatics journal. Having published four articles with the International Hydrographic Review in the past years, he is fully aware of the importance of the journal in the IHO community and wishes to contribute by serving on the editorial board. If elected as NHC representative for the IHR, he plans to use his professional experience and academic knowledge to promote further the development of the journal.

# Giuseppe Masetti

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## Education

**PhD in Systems Monitoring and Environmental Risks Management, University of Genoa (2010 - 2013)**

**FIG/IHO/ICA Category A Certificate, University of New Hampshire (2012)**

**MSc in Ocean Engineering - Ocean Mapping Option, University of New Hampshire (2011 - 2012)**

**FIG/IHO/ICA Category A Certificate, Italian Hydrographic Office (2008 - 2010)**

**Master (Hons) in Marine Geomatics, University of Genoa (2007 - 2008)**

**Master (Hons) in International Science and Diplomatic Relations, University of Trieste (2003 - 2004)**

**Master (Hons) in Political Science, University of Pisa (1999 - 2003)**

## Employment

**December 2019 - *continue* → Hydrographer/Specialist Consultant**

Danish Geodata Agency, Aalborg, Denmark

**January 2016 - *continue* → Research Assistant Professor/Adjunct Research Associate Professor**

Center for Coastal and Ocean Mapping, University of New Hampshire, Durham, NH, USA

**May 2018 - July 2018 → Visiting Scholar (IFREMER Fellowship)**

Ifremer's Unité Navires et Systèmes Embarqués (NSE), Brest, France

**August 2013 - December 2015 → Postdoctoral Research Associate (TYCO Fellowship)**

Center for Coastal and Ocean Mapping, University of New Hampshire, Durham, NH (USA)

**April 2013 - August 2013 → Operation Officer**

Hydrographic Vessel 'Ammiraglio Magnaghi', Italian Navy

**August 2011 - December 2012 → Research Assistant**

Center for Coastal and Ocean Mapping, University of New Hampshire, Durham, NH, USA

**January 2011 - August 2011 → Visiting Scholar**

Center for Coastal and Ocean Mapping, University of New Hampshire, Durham, NH, USA

**July 2008 - December 2010 → Operation Officer**

Hydrographic Vessel 'Aretusa', Italian Navy

**April 2008 - May 2008 → Intern**

'Sistemi Informativi e Telematici' department, Ligurian Region, Italy

**May 2004 - October 2006 → Navigation Officer**

Hydrographic Vessel 'Ammiraglio Magnaghi', Italian Navy

**August 1999 - May 2004 → Cadet**

Naval Academy, Livorno, Italy

## Teaching Experience

- UNH OE/ESCI 973 Seafloor Characterization (Spring 2018 Term) – *co-teaching with Dr. B.R. Calder and Dr. L.A. Mayer*
- UNH ESCI 872 Applied Tools for Ocean Mapping (Fall 2019 Term) – *co-teaching with Dr. S. Dijkstra and Dr. R. Wigley*

## Professional and Working Group Memberships

- The GeoHab's Backscatter Working Group (BSWG).
- The Hydrographic Society of America (THSOA).
- The IHO Baltic Sea Hydrographic Commission's Baltic Sea Bathymetry Database Working Group (BSBDWG).
- The IHO Crowdsourced Bathymetry Working Group (CSBWG).
- The IHO Data Quality Working Group (DQWG).
- The IHO Hydrographic Surveys Working Group (HSWG).
- The IHO S-102 Project Team (S102PT).
- The NSF-funded Multibeam Advisory Committee (MAC).
- The Open Navigation Surface Working Group (ONSWG).

## Awards

- NOAA National Ocean Service Team Member of the Year (2017)
- NOAA Certificate of Commendation and a Gold Coin Medallion (2021)

## Research Projects and Related Software Libraries/Applications

- HydrOffice website (Django/Python, JavaScript): <https://www.hydrooffice.org/>
- E-learning Python for Ocean Mapping (Python): <https://www.hydrooffice.org/epom>
- Quality Control Tools (Python, C++): <https://www.hydrooffice.org/qctools>
- Chart Adequacy Tools (Python, C++): <https://www.hydrooffice.org/catools>
- Sound Speed Manager (Python), Survey Data Monitor (Python, C++): <https://www.hydrooffice.org/soundspeed>
- BRESS (C++, Python): <https://www.hydrooffice.org/bress>
- StormFix (C++, Python): <https://www.hydrooffice.org/stormfix>
- SmartMap (C++, Python, JavaScript): <https://www.hydrooffice.org/smartmap>
- BagExplorer, HDF Compass (Python): <https://www.hydrooffice.org/bag>

## Publications/Conference Papers

- Elmore, P. A., Calder, B. R., Petry, F., **Masetti, G.**, and Yager, R., "Aggregation Methods Using Bathymetry Sources of Differing Subjective Reliabilities for Navigation Mapping", *Marine Geodesy*. Taylor and Francis, 2023, 1-25, doi:10.1080/01490419.2023.2166173.
- **Masetti, G.**, Andersen, O., Andreasen, N., Christiansen, P. S., Cole, M. A., Harris, J. P., Langdahl, K., Schwenger, L. M., and Sonne, I. B., "Denmark's Depth Model: Compilation of Bathymetric Data within the Danish Waters", *Geomatics*, vol. 2(4). pp. 486-498, 2022.
- **Masetti, G.**, Faulkes, T., Wilson, M. J., and Wallace, J., "Effective Automated Procedures for Hydrographic Data Review", *Geomatics*, vol. 2(3). MDPI, Basel, Switzerland, pp. 338-354, 2022.
- **Masetti G.**, Dijkstra, S. J., Wigley, R., and Faulkes, T., "Introducing Programming to Ocean Mapping Students", *International Hydrographic Review*, vol. 28. International Hydrographic Office (IHO), Monaco, pp. 108-120, 2022.
- Sowers, D., Mayer, L. A., **Masetti, G.**, Cordes, E., Gasbarro, R., Lobecker, E., Cantwell, K., Hoy, S., White, M., Candio, S., Malik, M. A., and Dornback, M., "Standardized Geomorphic Characterization of the Extensive Cold-Water Coral Mound Province of the Blake Plateau, USA", *Ocean Sciences Meeting 2022*. 2022.
- **Masetti, G.**, Smith, M., Mayer, L. A., and Kelley, J. G., "Applications of the Gulf of Maine Operational Forecast System to Enhance Spatio-Temporal Oceanographic Awareness for Ocean Mapping", *Frontiers in Marine Science*, vol. 6:804. Frontiers Media, 2020.
- **Masetti, G.**, Dijkstra, S. J., Wigley, R., Greenaway, S. F., Manda, D., Armstrong, A. A., and Mayer, L. A., "The e-Learning Python for Ocean Mapping project - Empowering the Next Generation of Ocean Mappers with Effective Programming Skills", 2020 Canadian Hydrographic Conference. Quebec City, Quebec, Canada, 2020.
- **Masetti, G.**, Mayer, L. A., Johnson, P., and Kelley, J. G., "Leveraging Predictions from NOAA's Oceanographic Forecast Models to Increase Environmental Variability Awareness in Ocean Mapping", *American Meteorological Society 100th Meeting*. Boston, MA, 2020.
- M. Smith, **Masetti, G.**, Mayer, L. A., Malik, M. A., Augustin, J. - M., Poncelet, C., and Parnum, I., "Open Backscatter Toolchain (OpenBST) - A Community-Vetted Workflow for Backscatter Processing", 2020 Canadian Hydrographic Conference. Quebec City, Quebec, Canada, 2020.
- D. Sowers, **Masetti, G.**, Mayer, L. A., Johnson, P., Gardner, J. V., and Armstrong, A. A., "Standardized Geomorphic Classification of Seafloor Within the United States Atlantic Canyons and Continental Margin", *Frontiers in Marine Science*, vol. 7(9). pp. 1-9, 2020.
- D. Sowers, **Masetti, G.**, Mayer, L. A., Johnson, P., Gardner, J. V., and Armstrong, A. A., "Adding Value to Broad-Scale Ocean Exploration Mapping Data Through Standardized Geomorphic Classification and Backscatter Data Analysis", 2019 Fall Meeting, American Geophysical Union (AGU). p. San Francisco, CA, 2019.
- D. Sowers, Dijkstra, J. A., **Masetti, G.**, Mayer, L. A., Mello, K., and Malik, M. A., "Applying a Standardized Classification Scheme (CMECS) to Multibeam Sonar and ROV Video Data on Gosnold Seamount", in *Seafloor Geomorphology as Benthic Habitat: GeoHab Atlas of Seafloor Geomorphic Features and Benthic Habitat*, 2<sup>nd</sup> ed., Elsevier Inc., 2019, p. 1076.
- C. Kastrisios, Calder, B. R., **Masetti, G.**, and Holmberg, P., "On the Effective Validation of Charted Soundings and Depth Curves", *U.S. Hydro 2019*. Biloxi, MS, 2019.
- Kastrisios, C., Calder, B. R., **Masetti, G.**, and Holmberg, P., *Towards Automated Validation of Charted Soundings: Existing Tests and Limitations*, *Geo-spatial Information Science*. Taylor & Francis, 2019. *Journal article*.
- **Masetti, G.**, Faulkes, T., Kastrisios, C., *Hydrographic Survey Validation and Chart Adequacy Assessment Using Automated Solutions*, *U.S. Hydro 2019*. Biloxi, MS, USA, 2019. *Conference Proceeding*
- Kastrisios, C., Calder, B. R., **Masetti, G.**, Holmberg, P., *On the effective validation of charted soundings and depth curves*, *U.S. Hydro 2019*. Biloxi, MS, USA, 2019. *Conference Proceeding*
- **Masetti, G.**, Augustin, J.-M., Malik, M.A., Poncelet, C., Lurton, X., Mayer, L.A., Rice, G., Smith, M., *The Open Backscatter Toolchain (OpenBST) project: towards an open-source and metadata-rich modular implementation*, *U.S. Hydro 2019*. Biloxi, MS, USA, 2019. *Conference Abstract*
- Malik, M.A., **Masetti, G.**, Schimel, A.C.G., Roche, M., Dolan, M., Le Deunf, J., *Preliminary Evaluation of Multibeam Backscatter Consistency through Comparison of Intermediate Processing Results*, *U.S. Hydro 2019*. Biloxi, MS, USA, 2019. *Conference Abstract*
- Ward, L., McAvoy, Z., **Masetti, G.**, Morrison, R., *High Resolution Mapping of Morphologic Features and Seafloor Sediments of the New Hampshire and Vicinity Continental Shelf, Western Gulf of Maine*, Geological Society of America (GSA) Annual Meeting, Northeastern Section, Portland, ME, USA, March 17-19, 2019. *Conference Proceeding*
- Elmore, P.A., Calder, B. R., **Masetti, G.**, Yager, R. R., and Petry, F. E., *Development of Consistent and Recordable Fusion Methods Using Bathymetry Sources of Differing Subjective Reliabilities for Navigation or Seafloor Mapping*, 2018 Fall Meeting, American Geophysical Union (AGU). Washington, DC, 2018. *Conference Abstract*

- **Masetti, G.**, Faulkes, T., and Kastrisios, C., Automated Identification of Discrepancies Between Nautical Charts and Survey Soundings, *ISPRS International Journal of Geo-Information*, vol. 7. MDPI Publishing, Basel, Switzerland, p. 392, 2018. *Journal article*.
- **Masetti, G.**, Johnson, P., Sound Speed Management and Environmental Variability Estimation for Ocean Mapping, INMARTECH 2018. Woods Hole, MA, USA, 2018. *Conference Abstract*
- **Masetti, G.**, Augustin, J. - M., Lurton, X., and Calder, B. R., Applications of Sonar Detection Uncertainty for Survey Quality Control and Data Processing, Shallow Survey 2018. St.John's, NL, Canada, 2018. *Conference Abstract*
- Malik, M.A., Schimel, A. C. G., Roche, M., **Masetti, G.**, Dolan, M., and Le Deunf, J., A First Step Towards Consistency of Multibeam Backscatter Estimation Requesting and Comparing Intermediate Backscatter Processing Results From Backscatter Processing Software, Shallow Survey 2018. St.John's, NL, Canada, 2018. *Conference Abstract*
- Johnson, P., Ferrini, V., Jerram, K., **Masetti, G.**, Multibeam Advisory Committee. Looking back on seven years of multibeam echosounder system acceptance and quality assurance testing for the ships of the U.S. Academic Fleet, FEMME 2018. Marseille, France, 2018. *Conference Abstract*
- **Masetti, G.**, Mayer, L. A., Ward, L. G., and Sowers, D., Bathymetric and Reflectivity-derived Data Fusion for Preliminary Seafloor Segmentation and Strategic Bottom Sampling, GeoHab 2018. Santa Barbara, CA, 2018. *Conference Abstract*
- Sowers, D., Dijkstra, J. A., **Masetti, G.**, Mayer, L. A., Mello, K., and Malik, M. A., Applying a Standardized Classification Scheme (CMECS) to Multibeam Sonar and ROV Video Data on Gosnold Seamount, GeoHab 2018. Santa Barbara, CA, 2018. *Conference Abstract*
- Schimel, A. C. G., Roche, M., Malik, M. A., Vrignaud, C., **Masetti, G.**, and Dolan, M., Requesting and Comparing Intermediate Results from Several Backscatter Data Processing Software: A First Step Towards Future Consistency of Multibeam Backscatter Estimation, GeoHab 2018. Santa Barbara, CA, 2018. *Conference Abstract*
- **Masetti, G.**, HydrOffice: Past, Present, and Future, NOAA OCS Field Procedures Workshop. Portland, OR, 2018. *Conference Abstract*
- **Masetti, G.**, Mayer, L., and Ward, L. (2018), A Bathymetry- and Reflectivity-based Approach for Seafloor Segmentation, *Geosciences*, 8(1), 14, <http://dx.doi.org/10.3390/geosciences8010014>. *Journal article*.
- **Masetti, G.**, Kelley, J., Johnson, P., and Beaudoin, J. (2017), A Ray-Tracing Uncertainty Estimation Tool for Ocean Mapping, *IEEE Access*, <http://dx.doi.org/10.1109/ACCESS.2017.2781801>. *Journal article*.
- **Masetti, G.**, Wilson, M., Calder, B.R., Gallagher, B., and Zhang, C. (2017), Research-driven Tools for Ocean Mappers, *Hydro International*, 25/10/2017, GeoMares publishing. *Journal article*.
- **Masetti, G.**, Calder, B.R., and Mayer, L.A. (2017), How to Improve the Quality and the Reproducibility for Acoustic Seafloor Characterization, GeoHab 2017, Halifax, Nova Scotia, Canada. *Conference abstract*.
- Wilson, M., **Masetti, G.**, and Calder, B.R., (2017), Automated Tools to Improve the Ping-to-Chart Workflow, *International Hydrographic Review*, Volume 17, p.21-30. *Journal Article*
- **Masetti, G.**, Gallagher, B., Calder, B.R., Zhang, C., Wilson, M. (2017), Sound Speed Manager: An open-source application to manage sound speed profiles, *International Hydrographic Review*, Volume 17, p.31-40. *Journal Article*
- Wilson, M., **Masetti, G.**, and Calder, B.R., (2017), Finding Fliers: New Techniques and Metrics, US HYDRO 2017, Galveston, TX, USA. *Conference Proceeding*
- **Masetti, G.**, Calder, B.R., and Hughes Clarke, J.E. (2017), Methods for Artifact Identification and Reduction in Acoustic Backscatter Mosaicking, US HYDRO 2017, Galveston, TX, USA. *Conference Proceeding*
- Gallagher B., **Masetti, G.**, Zhang, C., Calder, B.R., and Wilson, M. (2017), Sound Speed Manager: an Open-Source Initiative to Streamline the Hydrographic Data Acquisition Workflow, US HYDRO 2017, Galveston, TX, USA. *Conference Proceeding*
- Wilson, M., **Masetti, G.**, and Calder, B.R., (2016), NOAA QC Tools: Origin, Development, and Future, 2016 Canadian Hydrographic Conference. Canadian Hydrographic Association, Halifax, Nova Scotia, Canada. *Conference Proceeding*
- **Masetti, G.**, and Calder, B.R., (2015), A Bayesian marine debris detector using existing hydrographic data products, IEEE Oceans. IEEE, Genoa, Italy. *Conference Proceeding*
- **Masetti, G.**, and Calder, B.R., (2015), A Marine Object Manager as an Information Fusion Tool for Detected and Database-stored Shipwrecks, Wrecks of the World III: Shipwreck Risk Assessment, Gothenburg, Sweden, October 12-13. *Invited Talk*
- **Masetti, G.**, Calder, B.R., Wilson M., (2015), A Marine Object Manager for Detected and Database-stored Features, Shallow Survey 2015, Plymouth, UK, September 14-18. *Conference Abstract*.
- Cocchi L., **Masetti, G.**, Muccini, F., and Carmisciano, C., (2015), Geophysical Mapping of Vercelli Seamount: Implications for Miocene Evolution of the Tyrrhenian Back Arc Basin, *Geoscience Frontiers*, <http://dx.doi.org/10.1016/j.gsf.2015.06.006>. *Journal Article*.
- **Masetti, G.**, and Calder, B.R., (2015), Huddl: the Hydrographic Universal Data Description Language, *International Hydrographic Review*, Volume 13, p.17-32. *Journal Article*
- Calder, B.R., and **Masetti, G.**, (2015), Huddler: a multi-language compiler for automatically generated format-specific data drivers, US HYDRO 2015, National Harbor, MD, USA, September 14-18. *Conference Proceeding*
- Armstrong, A.A., Gardner, J.V., Calder, B.R., and **Masetti, G.**, (2015), Multibeam Mapping of Feature Rich Seafloor in the U.S. Pacific Remote Islands Marine National Monument and on Mendocino Ridge off the California Coast, US HYDRO 2015, National Harbor, MD, USA, September 14-18. *Conference Presentation*
- **Masetti, G.**, and Calder, B.R. (2014), Development of an adaptive fusion algorithm for marine debris recognition within the post-Sandy restoration framework, Canadian Hydrographic Conference 2014, St. John's, NL, Canada, April 15-17. *Conference Abstract*.
- **Masetti, G.**, and Calder, B.R. (2014), Huddl for description and archive of hydrographic binary data, Canadian Hydrographic Conference 2014, St. John's, NL, Canada, April 15-17. *Conference Abstract*.
- Bortoluzzi, G., Spagnoli, F., Aliani, S., Romeo T., Canese, S., Esposito, V., Grassi, M., **Masetti, G.**, and al., (2014), New geological, geophysical and biological insights on the hydrothermal system of the Panarea – Basiluzzo Volcanic complex (Aeolian Islands, Tyrrhenian Sea), SGI-SIMP 2014, Milan, Italy, September 10-12. *Conference Abstract*
- **Masetti, G.**, and Calder, B.R., (2014), A Risk Index Methodology for Potentially Polluting Marine Sites (PPMS), Volume 34(3), p.391-405, *Environment Systems and Decisions. Journal Article*

- **Masetti, G.**, (2013), Management and Environmental Risk Monitoring of Potentially Polluting Marine Sites (PPMS), PhD in Systems Monitoring and Environmental Risks Management, 273. *Dissertation*
- **Masetti, G.**, and Calder, B.R., (2013), Design of a Standardized Geo-Database for Risk Monitoring of Potentially Polluting Marine Sites, Volume 34(1), p.138-149, *Environment Systems and Decisions. Journal Article*
- Berry, A., [...], **Masetti, G.** et al. (2013), CCOM-JHC Summer Hydro 2012: A High-Res Survey Under 12 Flags, Eighth Annual GEBCO Bathymetric Science Day, Venice, Italy, October 8. *Conference Abstract*
- Grassi, M., [...], **Masetti, G.** et al. (2013), Characterization of Phlegrean Fields Marine Environment. Preliminary results of the oceanographic survey RICAMAR 2013, 2013 ASITA Conference, Riva del Garda, Italy, November 5 - 7. *Conference Proceeding*
- **Masetti, G.**, Calder, B.R., and Alexander, L., (2012), Developing a GIS-Database and Risk Index for Potentially Polluting Marine Sites, 2012 Canadian Hydrographic Conference, Niagara Falls, Ontario, Canada, May 15 - May 17. *Conference Proceeding*
- **Masetti, G.**, (2012), A Geo-database for Potentially Polluting Marine Sites and Associated Risk Index, Master of Science in Ocean Engineering with an Ocean Mapping Option, 284. *Thesis*
- **Masetti, G.**, Calder, B.R., and Alexander, L., (2012), Potentially Polluting Marine Sites GeoDB: An S-100 Geospatial Database as an Effective Contribution to the Protection of the Marine Environment, *International Hydrographic Review*, Volume 8, p.27-40. *Journal Article*
- **Masetti, G.**, and Calder, B.R., (2012), Remote identification of a shipwreck site from MBES backscatter, *Journal of Environmental Management*, Volume 111, p.44-52. *Journal Article*
- **Masetti, G.**, Trucco, A., and Sacile, R., (2011), Correzioni geometriche e radiometriche applicabili a valori di backscatter raccolti con sistemi MBES Kongsberg EM 3002, 15th Conferenza Nazionale ASITA 2011, Reggio di Colorno, ITA, 15-18 November. *Conference Proceeding*
- **Masetti, G.**, and Orsini, F., (2011), I relitti delle navi da guerra: status e tutela giuridica, Informazioni della Difesa, Volume 5, p.24-31. *Journal Article*
- **Masetti, G.**, Sacile, R., and Trucco, A., (2011), Remote characterization of seafloor adjacent to shipwrecks using mosaicking and analysis of backscatter response, *European (was Italian) Journal of Remote Sensing*, Volume 43, p.77-92. *Journal Article*
- **Masetti, G.**, and Carnevale, L., (2010), GIS e GeoDB: due acronimi per capire il mondo. Elementi teorici e spunti argomentativi sull'integrazione dei dati geografici, *Rivista Marittima*, p.91-100. *Journal Article*
- **Masetti, G.**, and Orsini, F., (2010), La Missione Atalanta e la politica estera dell'Unione Europea, Aracne Editrice, Rome, Rome, Italy. *Book*
- Cocchi, L., Muccini, F., Carmisciano, C., Vagni, R., and **Masetti, G.**, (2010), Acquisizione marina dell'alto strutturale del Mt. Vercelli (Mar Tirreno Centrale) e del golfo di Napoli: descrizione dei rilievi e primi risultati, GNGTS National Conference, Prato, Italy, Italy, Oct 26 - Oct 28. *Conference Proceeding*
- **Masetti, G.**, Sacile, R., and Trucco, A., (2010), Caratterizzazione remota del fondale marino tramite analisi e mosaicatura del backscatter, Atti 14a Conferenza ASITA, Brescia, Brescia, Italy, Nov 9 - Nov 12. *Conference Proceeding*
- **Masetti, G.**, and Orsini, F., (2009), Tutela dell'ambiente marino: Le responsabilità degli Stati costieri nell'individuazione e nel monitoraggio dei relitti marini presenti nelle acque di propria giurisdizione, *Gazzetta Ambiente*, Volume 5, p.26-31. *Journal Article*
- **Masetti, G.**, (2009), Carte nautiche elettroniche dell'I.I.M. e cartografia tecnica regionale: studio di fattibilità per una necessaria integrazione, Atti 13a Conferenza Nazionale ASITA, Bari, Bari, Italy, Dec 1 - Dec 4. *Conference Proceeding*
- **Masetti, G.**, and Orsini, F., (2009), Environmental Risks Monitoring of Shipwrecks in Italian Seas, *International Hydrographic Review*, Volume 11, p.52-60. *Journal Article*
- **Masetti, G.**, and Orsini, F., (2009), L'Unione Europea contro la pirateria marittima nel Golfo di Aden, *Informazioni della Difesa*, Volume 1, p.10-15. *Journal Article*

## Research Cruise Reports

- Armstrong, A.A., and **Masetti, G.**, (2016), *U.S. Extended Continental Shelf Cruise to Map Northern Sections of Northern Mariana Islands Continental Shelf*, University of New Hampshire, Durham, NH. *Report*
- Calder, B.R., and **Masetti, G.**, (2015), *U.S. Law of the Sea Cruise to Map the Western Flank of the Kingman Reef-Palmyra Atoll Section of the Line Islands, Equatorial Pacific Ocean*, Center for Coastal and Ocean Mapping / Joint Hydrographic Center, Durham, NH. *Report*
- Armstrong, A.A., and **Masetti, G.**, (2014), *U.S. Extended Continental Shelf Cruise to Map Sections of the Mendocino Ridge*, University of New Hampshire, Durham, NH. *Report*
- Grassi, M., **Masetti, G.**, and al., (2014), *Rapporto sulle attività oceanografiche, geochimiche, geologiche, geofisiche e di campionamento durante la crociera PANA13 con ITS Magnaghi: Panarea, I.Eolie, Tirreno S.Orientale*, 2013-06-02- 2013-06-08., ISMAR, Rome, Italy, pp.22. *Report*
- Carmisciano, C., [...], **Masetti, G.**, and al., (2013), *RICAMAR2013: Rilievi per la caratterizzazione dell'ambiente marino nel Golfo di Pozzuoli. Rapporto sull'attività. 13 - 31 maggio 2013*, Rapporti Tecnici INGV (ISSN 2039-7941), Vol. 262, pp. 56. *Report*

## Outreach/Workshops

- Manda, D., and **Masetti, G.**, "Pydro & HydrOffice: Open Tools for Ocean Mappers", U.S. Hydro 2019. Biloxi, MS, 2019. *Workshop*
- **Masetti, G.**, and Johnson, P., "Sound Speed Management and Environmental Variability Estimation for Ocean Mapping", INMARTECH 2018. Woods Hole, MA, 2018. *Workshop*
- **Masetti, G.**, and Faulkes, T., "Pydro and HydrOffice Tools: What are? How to use them?", NAVOCEANO FST - NOAA OCS Technical Exchange. Stennis Space Center, MS, 2018. *Workshop*