**Research Output**

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**Authorship follows the Guidelines by the Scientific Integrity Committee of the Swiss Academies of Arts and Sciences (2013)**

1. **International peer-reviewed publications**

   https://doi.org/10.1021/acs.est.0c04842

   https://doi.org/10.1016/j.scitotenv.2020.140181

   https://doi.org/10.1016/j.envint.2020.105708

   https://doi.org/10.1021/acs.est.9b01895

   https://doi.org/10.1021/acs.est.9b01895

   https://doi.org/10.1021/acs.est.7b03357

   https://doi.org/10.1021/acs.est.7b02529

   https://doi.org/10.1002/etc.2808

   https://doi.org/10.1007/s00216-014-8166-0

   https://doi.org/10.1021/es401763d

   https://doi.org/10.1021/es303888v

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2. Peer-reviewed books and monographs
None

3. Peer-reviewed conference proceedings and additional publications
Anna E., Sikorska, Andreas Scheidegger, Aurea C Chiaia-Hernandez, Juliane Hollender, Joerg Rieckermann. Tracing of micropollutants sources in urban receiving waters based on sediment fingerprinting. 2012. *Conference Proceeding of the 9th International Conference on Urban Drainage Modelling (UDM), Belgrade, Serbia*

4. Contributions to books
None

5. Patents and licenses
None

6. Oral contributions to international conferences

**June 2022**: Platform presentation at the International Conference on Contaminated Sediments (ContaSed2021), University of Bern, Switzerland, virtual meeting. Aurea C. Chiaia-Hernandez, B. F. Günthardt, Martin P. Frey, J. Hollender, and Martin Grosjean. “High-resolution historical records of organic contaminant deposition documented by target and nontarget trend analysis in lakes under anthropogenic pressure”


**September 2015**: Platform presentation at the 20th SETAC GLB, Zurich, Switzerland (Invited Speaker). Aurea C. Chiaia-Hernandez, Greta Stieger, Martin Scheringer, Thomas D. Bucheli, Armin Keller, Daniel Wächter, Juliane...
Aurea C Chiaia

7. Outreach (see also organization of satellite events and summer schools in CV)

March 2022 Invited Speaker - Environmental risk assessment in water, sediment and soil. Practical-oriented course, Centre Ecotox, Dübendorf, Switzerland
https://www.oekotoxzentrum.ch/expertenservice/weiterbildungsangebot/

May 2021 Invited Speaker – Transformation of Pesticide Governance (Trapego) Webinar Series
Title: Historical records of plant protection product deposition in Swiss lakes under anthropogenic pressure
www.ipw.unibe.ch/trapego

June 2021 Invited Speaker Seminar-Series - Karlsruher Institute für Technology (KIT), Germany
Title: Organic contaminants in the Anthropocene unraveled by historical sediment records

February 2021 Invited Speaker Seminar-Series Universidad de las Américas, Puebla, México
Title: Unraveling the Anthropocene with Sediment Records

October 2019 Invited Speaker – Environmental Engineering Seminar Series, EPFL, Lausanne
Title: Characterizing Past and Present Environmental Impacts with High-Resolution Sediment Analysis

November 2019 Invited Speaker – Centre Ecotox Workshop on Ecotoxicology and Sediment Quality, Olten, Switzerland. https://www.oekotoxzentrum.ch/expertenservice/weiterbildungsangebot/
Title: Anthropogenic Organic Contaminants in Sediments


June 2008: Poster presentation at Gordon Research Conference 2008 Environmental Sciences: Water, Holderness, NH. Aurea C. Chiaia, Caleb Banta Green, Dan Sudakin, Laura Powers and Jennifer A. Field. “Large Volume (1,800 μL) Injection HPLC/MS/MS for the Quantitative Determination of Illicit Drugs and Human Urinary Biomarkers in Municipal Wastewater”


• Courses aim at administration, practice, research and industry
• Presentations and Discussion at Universities, Secondary and High Schools (Internationally)
• Outdoor exhibitions
• Presentations and Discussion in instrumentation user meetings (Thermo Fisher Scientific)
• International broadcast including OPB (USA), sinc (Spain), between others.

8. General contributions to science & 9. Other artefacts with documented use


