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Michael Riediker studied Environmental Sciences at the Swiss Federal Institute of Technology, ETH Zurich. In 2000, he obtained his Doctor of Sciences on the subject of allergens and air pollution in the city of Zurich. In the same year, he completed his Masters of Advanced Studies in Work and Health, also at ETH Zurich. Since then, Michael has led exposure and health projects in North Carolina, USA (2000–2003), ETH Zurich (2003) and at the University of Lausanne (2004–2015). From 2013 to 2018, he helped build IOM Singapore Pte Ltd, where he became Director of Research (2017–2018). Last year, Michael founded SCOEH. He is a certified occupational hygienist in Switzerland (www.sgah.ch), a Graduate Member of the international chapter of the Institution of Occupational Safety and Health (www.iosh.co.uk) and a Registered Industrial Hygienist in Singapore (www.oehs.org.sg). He has been a private lecturer at the University of Lausanne (www.unil.ch) since 2006 and a professor at the School of Materials Science and Engineering, Nanyang Technological University (www.ntu.edu.sg), Singapore, since 2016.

Michael Riediker is an expert on occupational and environmental health risks from exposure to particulate matter and other air- and waterborne pollutants. In his research addressing these questions, he combines health effect and exposure research towards a comprehensive risk assessment. He uses this risk data to derive risk management approaches that are easier to use and understand, and more cost and time effective. He passes on his experience to students and practitioners by teaching and advising. Past leadership includes coordinator of NanoImpactNet (FP7) and leading roles in FP7-projects such as MARINA, QualityNano, NanoTOES, NanEx, and PI of many national research projects.

Mentoring Topics: Characterization of NM release and exposure
NM human toxicity studies
Risk Assessment & Management
Career Development

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