

PASCAL HAEFLIGER, PhD, MPH

ADDRESS : Avenue de Villardin 14, 1009 Pully, Switzerland

EMAIL : ph@pheconsulting.com

DATE OF BIRTH : 27 February 1976

PHONE: +41 79 963 34 54

WEBSITE : www.pheconsulting.com



PROFILE

Dr Pascal Haefliger is a specialist in public health, chemical safety, environmental health and emergency management. He has extensive international experience in health and environmental risk and impact assessment, in the development of technical and advocacy materials, in capacity building, and in the provision and coordination of humanitarian assistance for chemical and environmental health emergencies. His education includes chemistry, public health, international negotiation and policy making, and leadership. He has excellent communication skills in French and English, and broad operational experience including international field missions in complex settings.

PROFESSIONAL EXPERIENCE

Independent consultant, Public Health & Environment Consulting, Switzerland (03/2018 to present and 07/2010–04/2012)

- Provision of chemical safety, public and environmental health, and disaster management expertise in English and French.
- Preparation and revision of scientific, technical, awareness raising and advocacy documents.
- Training and capacity-building activities.

Head of Sector “Health promotion and disease prevention”, General Directorate for Health, Canton of Geneva, Switzerland (05/2012–02/2018)

- Development, implementation and monitoring and evaluation of the cantonal plan for health promotion and disease prevention.
- Coordination of the revision of the cantonal strategy for health promotion and disease prevention, fostering a multi-sectorial approach.
- Management and supervision of a team of 10 scientific co-workers.

Technical officer, Department of Public Health and Environment, World Health Organization (WHO), Geneva, Switzerland (10/2005–06/2010)

- Development of numerous WHO documents, publications and other material addressing chemical safety and environmental health.
- Provision of technical expertise and support to WHO Member States in dealing with the public health aspects of chemical incidents and environmental health emergencies.
- Training and capacity building activities, including for the implementation of International Health Regulations (IHR 2005).

Volunteer, Department of Public Health and Environment, World Health Organization (WHO), Geneva, Switzerland (11/2004–5/2005)

- Provision of support for WHO early detection and response system for chemical incidents and emergencies.
- Contribution to an international project to assess national capacities to manage health risks of deliberate use of biological, chemical and radionuclear materials.

Scientific researcher, Department of Bioinorganic Chemistry, University of Zurich, Switzerland (06/2003–05/2004)

- Development and testing of new radiopharmaceutical agents for the treatment of cancer.
- Supervision of PhD students.

EDUCATION

Certificate of Advanced Studies in Transformational Leadership (CAS-LT)

Haute École de Gestion, Geneva, Switzerland (2016)

- Master thesis: "Analysis and revision of the cantonal strategy for health promotion and disease prevention"

Executive Master in International Negotiation and Policy-Making (INP)

Graduate Institute of International and Development Studies, Geneva, Switzerland (2010)

- Master thesis: "Health Governance in a globalized world: Time for renewed WHO leadership?"

Master of Advanced Studies in Public Health (MASPH)

University of Geneva, Switzerland (2008)

- Master thesis: "Mass Lead Intoxication from Informal Used Lead Acid Battery Recycling in Dakar, Senegal"

PhD in Chemistry (Dr. sc. nat)

University of Zurich, Switzerland (2003)

- PhD thesis: "*Radiotherapy with ^{99m}Tc: Utopia or Promising Future?*"
- Awarded a distinction for outstanding scientific work

Master of Science in Chemistry (Dipl. Chem. ETH)

Swiss Federal Institute of Technology-Zurich, Switzerland (1999)

- Specialization in analytical and physical chemistry

FURTHER TRAINING AND EDUCATION

2012	Training on environmental emergencies management, UNEP/OCHA
2012	Training on water quality, distribution and well cleaning in emergency situations, Swiss Agency for Development and Cooperation
2009	Residential Summer Course in Epidemiology, European Educational Programme in Epidemiology
2008	Communication training, WHO
2006	Public Health Pre-Deployment Training, WHO

LANGUAGE SKILLS

French	native language
English	excellent (United Nations Language Proficiency Certificate)
German	excellent
Spanish	basic

SCIENTIFIC PUBLICATIONS (SELECTED)

- A. Prüss-Ustün, C. Vickers, **P. Haefliger** and R. Bertollini, "Knowns and unknowns on burden of disease due to chemicals: a systematic review", Environmental Health, 2011, 10:9, doi:10.1186/1476-069X-10-9 (www.ehjournal.net/content/pdf/1476-069X-10-9.pdf)
- **P. Haefliger** et al., "Mass Lead Intoxication from Informal Used Lead Acid Battery Recycling in Dakar, Senegal", Environmental Health Perspectives, 2009, 117, 1535-1540. (www.ncbi.nlm.nih.gov/pmc/articles/PMC2790507/pdf/ehp-117-1535.pdf)
- T. Zilker, K. Gutschmidt, **P. Haefliger**, "Sleeping beauty disease - An outbreak of a neurological illness of unknown aetiology in Luanda province, Angola", Clinical Toxicology, 2008, 46 (5), 379. (www.toxinfo.org/abstracts/ClinicalToxicology_2008-46-379.pdf)
- **P. Haefliger** et al., "Cell Uptake and Radiotoxicity Studies of a Nuclear Localization Signal Peptide-Intercalator Conjugate Labeled with [^{99m}Tc(CO)3]⁺", Bioconjugate Chemistry, 2005, 16, 582-587. (www.ncbi.nlm.nih.gov/pubmed/15898725)
- **P. Haefliger** et al., "Structure, Stability, and Biodistribution of Cationic [M(CO)3]⁺ (M = Re, ^{99m}Tc, ^{99m}Tc) Complexes with Tridentate Amine Ligands", Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry, 2005, 35, 27-34. (www.informaworld.com/index/713731585.pdf)
- **P. Haefliger** et al., "Induction of DNA Double Strand Breaks by Auger Electrons from ^{99m}Tc Complexes with DNA Binding Ligands", ChemBioChem, 2005, 6(2), 414-421. (www.ncbi.nlm.nih.gov/pubmed/15651047)

OTHER PUBLICATIONS (SELECTED)

- "Environnement et santé : des liens trop souvent négligés", Reiso.org : revue d'information sociale, 2014 (www.reiso.org/articles/themes/soins/257-environnement-et-sante-des-liens-trop-souvent-negliges)
- "Brief guide to analytical methods for measuring lead in blood", ISBN 978 92 4 150213 9, World Health Organization, 2011. (www.who.int/entity/ipcs/assessment/public_health/lead_blood.pdf)
- "Brief guide to analytical methods for measuring lead in paint", ISBN 978 92 4 150212 2, World Health Organization, 2011. (www.who.int/entity/ipcs/assessment/public_health/lead_paint.pdf)
- Short information documents to raise awareness and promote action on 10 chemicals of major public health concern, WHO, 2010. (Project manager) (www.who.int/ipcs/assessment/public_health/chemicals_phc/en/index.html)
- "Outbreak of lead intoxication in Thiaroye sur Mer, Senegal. WHO support mission", 7 - 21 June 2008. Dr P. Haefliger and Ms J. Tempowski. (www.who.int/entity/environmental_health_emergencies/events/Lead_intoxication_in_Senegal_-_Mission_executive_summary_EN1.pdf)

- “Environmental risk to health from gold mining activities and strengthening chemical safety in Mongolia”, 26 February - 15 March 2008. Dr K. Gutschmidt and Dr P. Haefliger. (http://www.who.int/entity/environmental_health_emergencies/events/Mission_debriefing_v.9April_for_web.pdf)
- “The World Health Report 2007 - A safer future: global public health security in the 21st century” - contribution. (www.who.int/whr/2007/en/index.html)

MISSIONS AND MEETINGS (SELECTED)

- Field mission to investigate an outbreak of lead intoxication in Zamfara State, Nigeria, June 2010. (www.who.int/environmental_health_emergencies/events/nigeria_lead/en/index.html)
- Field mission to investigate an outbreak of lead intoxication in Dakar, Senegal, June 2008. (www.who.int/environmental_health_emergencies/events/Senegal2008_update2/en/index.html)
- Field mission to assess environmental risk to health from gold mining activities and strengthening chemical safety, Ulaanbaatar, Mongolia, March 2008. (www.who.int/environmental_health_emergencies/events/mongolia2008/en/index.html)
- Field mission to investigate a disease outbreak of unknown etiology in Cacuaco municipality, Luanda, Angola, November 2007. (www.who.int/environmental_health_emergencies/events/angola2007/en/index.html)
- Joint WHO-IWA Meeting to strengthen WHO environmental health response to environmental health emergencies, London, United Kingdom, June 2007.
- Field mission to assess the public health impact of the ongoing release of toxic fumes by the Nyiragongo volcano, Goma, Democratic Republic of the Congo, September 2006.
- WHO Preliminary Assessment and Field Testing of National Capacity to Manage Health Risks of Deliberate Use of Biological, Chemical and Radionuclear materials, Manila, The Philippines, 2005.

TEACHING EXPERIENCE (SELECTED)

- Various lectures on environmental health, health promotion and disease prevention for medicine and public health students of the University of Geneva, 2010-2018.
- Various chemical safety lectures to build national capacities for the sound management of chemicals in Mongolia, March 2008.

MEMBERSHIPS AND VOLUNTARY ACTIVITIES

- Member of the Swiss Humanitarian Aid Unit of the Swiss Agency for Development and Cooperation.
- Member of the Blacksmith Institute's Technical Advisory Board.
- Reviewer for various scientific journals.

PERSONAL INTERESTS

- Travel
- Sailing
- Kitesurfing, mountainbiking