

## CURRICULUM VITAE

### **Personal Profile**

Name: Fritz Brugger

Date of birth: 1962

Nationality: Swiss

Institution: NADEL, Centre for Development and Cooperation, ETH Zurich  
8092 Zurich, Switzerland  
E-mail: fritz.brugger@nadel.ethz.ch  
Web: www.nadel.ethz.ch

Academic qualifications: PhD in Development Studies (summa cum laude)  
Graduate Institute of International and Development Studies, Geneva)  
MAS in Management (University of Fribourg)

Languages: German (native); English (fluent); French (good)

International working experience: *Sub-Sahara Arica:* Burkina Faso, Cameroon, Ethiopia, Ghana, Ivory Coast, Kenya, Mozambique, Rwanda, Senegal, South Africa, South Sudan, Sudan, Tanzania  
*Middle East / North Africa:* Jordan, Morocco  
*Asia:* Afghanistan, India, Indonesia, Philippines  
*Latin America/Caribbean:* Bolivia, Haiti  
*Eastern Europe:* Albania, Bulgaria, Kosovo. Macedonia

### **Professional profile**

*Research interests:* (International) political economy of the governance of extractive and commodity trading sectors; development outcome of resource extraction and the role of extractive companies; artisanal and small-scale mining. Field work in Sudan, Chad, Bolivia, Burkina Faso, Mozambique, Ghana, Tanzania, Laos.

*Development cooperation experience:* Strategy development, scaling-up strategies and social enterprise development; information and communication technology for development (ICT4D); multistakeholder initiatives, corporate responsibility and development; monitoring and evaluation.

### **Employment record**

2014 – Senior Scientist at the Center for Development Studies of the Swiss Federal Institute of Technology in Zurich (ETHZ)

2002 – 2014 Consultant (self-employed)

- Consultancy mandates focusing on strategy development, management of multistakeholder initiatives, project implementation, backstopping and evaluation.
- The mandates covered the following topics and sectors: Governance, natural resource management, water supply and sanitation, agriculture and agricultural value chains, financial inclusion, CSR and corporate responsibility in developing and emerging economies.
- Since 2009, a major focus was on developing index-based agricultural insurance (Kilimo Salama) and mobile technology for agriculture (www.farmforce.com). Both now operate as social enterprises.

1999-2006 (part time)	<p>University of Fribourg (Faculty of Economic and Social Sciences, Institute of Management VMI)</p> <p>Lecturer in Management of Associations and Cooperative Businesses</p> <p>Teaching in executive training and MBA courses; Topics: strategy development, management of stakeholder relationships, and fundraising</p>
1996 – 2002	<p>Helvetas, Swiss Association for International Cooperation</p> <p>Member of the management committee, directing the department of development policy, public affairs and fundraising</p> <p>Development of a strategic focus on water policy; contribution to the water policy and water privatization debate</p>

### **Research**

2017 – 2020	Member of the “Swiss Minerals Observatory” Research Incubator at the Institute of Science, Technology and Policy (ISTP). <a href="https://istp.ethz.ch/research/minerals.html">https://istp.ethz.ch/research/minerals.html</a>
2017 – 2020	Co-PI in the project “Curbing Illicit Financial Flows from Resource-rich Developing Countries: Improving Natural Resource Governance to Finance the SDGs”, PI for WP 3 “The Political Economy shaping Incentives and Institutions to Curbing Illicit Financial Flows”. Together with the Graduate Institute of International and Development Studies (Geneva); University of Berne; University of Ghana, Accra; Center for Macroeconomic Policy and Economic Restructuring, National Institute for Economic Research (NIER), Vientiane, Laos. <a href="http://www.dec.ethz.ch/research/resource-extraction-and-development/illicit-financial-flows.html">http://www.dec.ethz.ch/research/resource-extraction-and-development/illicit-financial-flows.html</a>
2017 – 2020	Co-PI in the project “Health Impact Assessment in Natural Resource Extraction”, PI for WP 2 “Institutional, policy, regulatory and political economy analysis”. Together with Swiss Tropical and Public Health Institute; University of Health and Allied Sciences in Ghana; Research Institute of Health Sciences, Burkina Faso (IRSS); Manhica Health Research Centre, Mozambique; Ifakara Health Institute Tanzania <a href="http://www.dec.ethz.ch/research/resource-extraction-and-development/HIA.html">http://www.dec.ethz.ch/research/resource-extraction-and-development/HIA.html</a>
2016 – 2019	Principal Investigator in the project “Monitoring development outcome of resource extraction on producer regions”. Together with University of Berne, Insuco Foundation for Social Research in Africa, Ouagadougou, Burkina Faso; Lurio University Nampula, Mozambique. <a href="http://www.dec.ethz.ch/research/development-outcome-of-resource-extraction.html">http://www.dec.ethz.ch/research/development-outcome-of-resource-extraction.html</a>
2012	Exploratory field research on the risks and opportunities of lithium extraction in Bolivia and the development of a local lithium industry. Graduate Institute of International and Development Studies, Geneva and Universidad Mayor de San Andres, Postgrado en Ciencias del Desarrollo (CIDES UMSA), La Paz, Bolivia
2008-2013	PhD Research at the Graduate Institute of International and Development Studies, Geneva on the Impact of oil extraction and mining on local development. Field research in Sudan and Chad

### **Affiliations**

Research Associate at the Centre on Conflict, Development and Peacebuilding (CCDP) at the Graduate Institute of International and Development Studies, Geneva.

Member of the Expert Review Committee of the Responsible Mining Index ([www.responsibleminingindex.org](http://www.responsibleminingindex.org))

### **Recent Consulting Mandates**

- 2018 Adaptive management approaches in complex contexts (SDC)
- 2017/8 Institutional assessment methodology for the implementation of the Minamata Convention in Mozambique, Ghana, Nigeria (WHO)
- 2017 Support to the SDC Country Cooperation Strategy with Sudan
- 2016/8 Policy Coherence for Development: Development and application of monitoring methodology
- 2016 Support to the SDC Country Cooperation Strategy with South Sudan
- 2015/6 Evaluation of the Swiss Cooperation Strategy with Mozambique 2012-2016

### **Selected publications**

- 2018 *Small-scale gold mining in Burkina Faso: Health effects, environmental burden and socio-economic interactions with agriculture*. ETH research papers (with Stefanie Müller, Jessica Zanetti, Astrid Knoblauch, Mirko Winkler, Bernhard Wehrli)
- 2018 *Minamata Convention in Mozambique: Are we searching under the wrong lamppost?* The Lancet Global Health Blog. 25 May 2018. <http://globalhealth.thelancet.com/2018/05/25/minamata-convention-mozambique-are-we-searching-under-wrong-lamppost>
- 2018 *Reducing Transaction Costs in Contract Farming Arrangements: The Case of Farmforce*. In: Duncombe, R.A (eds): *Digital Technologies for Agricultural and Rural Development in the Global South*. Oxfordshire: CABI. pp. 54–67
- 2016 *PCD Monitoring: An innovative methodology applied to Switzerland - Case Studies on Illicit Financial Flows, Migration and Development and Food Security*. Final operational report for the Swiss Agency for Development and Cooperation. 2016 Country Strategy Evaluation - Mozambique 2012 – 2016, Berne: SDC. 94pp (with Bürgi Bonanomi, E., Carbonnier, G., Chetail, V., Ruiz, G., Tribaldos, T., Batliner, R., Bressmer, J., Fioroni, C., Frey, S., Kobayashi, K., Scharrer, B., Zermin, L.)  
<https://www.admin.ch/gov/en/start/documentation/studies.survey-id-692.html>
- 2016 *Monitoring and Reporting on Policy Coherence for Development (PCD). Methodology Paper*. (with Rudolf Batliner) pp 40
- 2016 *Rohstoffreichtum – Segen oder Fluch?* Blogbeitrag im ETH Zukunftsblog  
<https://www.ethz.ch/content/main/en/news-und-veranstaltungen/eth-news/news/2016/02/rohstoff-reichtum-segen-oder-fluch.html>
- 2014 *Why Commodity Booms Have Not (Yet?) Boosted Human Capital: Bolivia's Struggle to Create a Skilled Workforce*. In: Education, Learning, Training: Critical Issues for Development, International Development Policy series No.5, Geneva: Graduate Institute Publications, Boston: Brill-Nijhoff, pp. 81–101 DOI : 10.4000/poldev.1779 (with Kathlen Lizárraga Zamora)
- 2013 *Extractive Industries in Fragile States: Fueling Development or Undermining the Future? Assessing the Impact of Western and Asian Companies in Sudan and Chad*. Dissertation at the Graduate Institute of International and Development Studies, Geneva.
- 2013 *Energy and Development*. In: Handbook of Global Energy Policy, edited by Andreas Goldthau. Sussex: Wiley Blackwell Publishers. (with Gilles Carbonnier)
- 2011 *Mobile Applications in Agriculture. Taking Stock of Developments and Trends*. Basel: Syngenta Foundation for Sustainable Agriculture (mimeo)
- 2011 *Global and Local Policy Responses to the Resource Trap*. Global Governance 14(2), 247-264. (with Gilles Carbonnier and Jana Krause)
- 2011 *Oil, Gas and Minerals: The Impact of Resource-Dependence and Governance on Sustainable Development*. Geneva, CCDP Working Paper 8-36. (with Gilles Carbonnier and Natascha Wagner)

- 2009 *Taking Stock of Disclosure on the UN Global Compact. The 2009 Guilé Communication on Progress Survey.* Zurich: Guilé Foundation (with Dorothee Baumann, Gilles Carbonnier, Oliver Johner, and Thomas Streiff)
- 2009 Accelerating the Rate of Change: From Technical to Business Oriented Utility Management. Review of GTZ Experiences with Commercialization Approaches in Water Supply and Sanitation in the MENA Region. GTZ Working Paper
- 2008. Strategic Communication in Water Sector Reform Projects. Analysis of Communication Practices in World Bank (Co-)Funded Water Sector Reform Projects. Report
- 2007 *Corporate Responsibility in the Global Market. Why Human Rights Issues are Growing More Relevant for Swiss Small and Medium-Sized Companies.* In: Human Security and Business, edited by Benjamin K. Leisinger and Marc Probst. Zurich: Rüffer & Rub (with Thomas Streiff)
- 2005 *Taking Better Care of Water. Challenges in Water Management.* Zurich: UBS Wealth Management.
- 2005 *Private-sector Participation in Water Supply and Sanitation. Growing Opportunities in Developing and Transitional Countries?* Zurich: Swiss Re
- 2005 *Policy Principles and Implementation Guidelines for Private Sector Participation in the Water Sector – a Step Towards Better Results* (with Dieter Rothenberger and Urban Frei). Water Science & Technology 51(8) pp 61ff
- 2004 *Aktuelle und künftige Wasserprobleme in Entwicklungsländern.* In: Warnsignal Klima: Genug Wasser für alle?, Hamburg: Geo-Verlag
- 2003 *Über Wasser reden heisst über Politik reden.* Zürich: Helvetas-Magazin 'Partnerschaft'.
- 2003 *Wachstumsmarkt Flaschenwasser.* Politische Ökologie 80, p 24
- 2002 *Towards Catchment Hydro-Solidarity.* Gaia, Journal for Ecological Perspectives in Science, Humanities, and Economics, pp 302ff

### **Referee Work (Journals)**

Global Governance

The Extractive Industries and Society

International Development Policy