Swissuniversities Development and Cooperation network

Consortium for Education and Research in Water, Sanitation and Hygiene

Claudio Valsangiacomo
Mirko Winkler
Argaw Ambelu
COFER WASH is an applied research initiative of seven academic institutions in Switzerland and two in Ivory Coast and Ethiopia. The project aims at developing solution-oriented educational tools for:

- Professionals in Sub-Saharan Africa
- Schools
- Universities
practitioners

schools

universities

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WASH for schools in Côte d’Ivoire

- Universities
- Teachers
- Children
- Engineers

Action fields: infrastructure and behaviour

Drinking water, Sanitation, Hygiene
WASH scoping study, university level, Abidjan
WASH scoping study, school level, Taabo
WASH scoping study, school level, Taabo
WASH scoping study in Côte d’Ivoire
Presentation of needs and wishes identified at HSR (Hochschule für Technik Rapperswil)
WASH workshop, school level, Taabo
WASH workshop, school level, Taabo
WASH workshop, school level, Taabo
WASH workshop, university level, Abidjan
WASH workshop, *university level*, Abidjan

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WASH Moodle box pilot, university level, Abidjan

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Design/planning pilot study

### Study Protocol

**“Water, Sanitation and Hygiene in Schools in Taabo, Côte d’Ivoire: Assessment of Infrastructure, Knowledge and Management Practices”**

<table>
<thead>
<tr>
<th>Type of Research Project</th>
<th>Research projects (HRD) - Research projects – involving measures or sampling of biological material or collection of health-related data from persons.</th>
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</thead>
<tbody>
<tr>
<td>Study acronym/ID</td>
<td>WASH Taabo</td>
</tr>
<tr>
<td>Protocol Version Nr</td>
<td>V01 Date 4 July 2019</td>
</tr>
<tr>
<td>Sponsor Contact</td>
<td>swissuniversities Effingerstrasse 15 PO Box 3001 Bern</td>
</tr>
<tr>
<td>Project Leader/Responsible</td>
<td>Dr. Mirko Winkler (PhD, DTMAH) Swiss Tropical and Public Health Institute (Swiss TPH) Socinstrasse 57 CH-4051 Basel +41 61 264 8339 <a href="mailto:mirko.winkler@swisstph.ch">mirko.winkler@swisstph.ch</a></td>
</tr>
<tr>
<td>Funding Agency</td>
<td>swissuniversities Effingerstrasse 15 PO Box 3001 Bern</td>
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</tbody>
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**Statement of the Ethics Committee Northwestern and Central Switzerland (EKNZ) according to HRA Art.5.1**

**Project ID:** Req-2019-00970  
**Project Title:** Water Sanitation and Hygiene in Schools in Taabo, Côte d’Ivoire, Assessment of Infrastructure, Knowledge and Management Practices  
**Submission Date:** 24/09/2019  
**Applicant:** Dr. Mirko Winkler

**Decision:**

The research project doesn’t fall under the remit of the cantonal or federal law HRA. Therefore, the EKNZ cannot officially approve your project.

The EKNZ has reviewed the project on 24.9.2019 according to the ICH-GCP guideline and confirms, that the project meets the requirements for a Swiss research project, namely:

- Scientific validity of the research question, appropriateness of the design and conformity to the GCP guideline;
- Favourable benefit-risk ratio;
- Process to obtain informed consent, including the appropriateness of the period for reflection;
- Good Clinical Practice (only for clinical trials);
- Professional qualification of the research scientist involved in the project in Switzerland;
- Data protection and procedures to maintain confidentiality of the data and the samples.

Whether the project can be accepted from an ethical point of view depends on local conditions and is the responsibility of the responsible local ethics committee. Following points could not be assessed by the EKNZ:

- Procedures and documentation for enrolment of study subjects, especially the information sheets and consent forms in the local language;
- The acceptability of the local infrastructure with regards to the best possible protection of the study subjects (material premises, personnel etc.);
- Professional qualification of the research personnel in the local country;
- Local law and regulations.

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Intervention pilot study, **school level**, Taabo
Intervention pilot study, school level, Taabo
Intervention pilot study, **school level**, Taabo
WASH for schools in Côte d’Ivoire

Source: https://earthlymission.com/knights-of-the-round-ping-pong-table/

WASH question catalogue → Scoping study

pilot study

Intervention pilot study

Taabo, school level

Abidjan, university level

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Welcome

This course is designed to empower practitioners with an understanding of the fundamentals of the WASH sector, both in the humanitarian and development context. It introduces students to the core principles for planning, designing and implementing activities to improve sustainable and equitable access to domestic water supply and sanitation services and to improve hygiene behaviours.

Programme

Programme and Dates

- Module 1: Drinking water and health, 22–28 September 2019, Lugano-Canobbio
- Module 2: Environmental sanitation, 30 September–5 October 2019, Dübendorf
- Module 3: Sustainable water supply, 1–7 June 2020, Neuchâtel
Argaw Ambelu
Argaw Ambelu is a full professor of Environmental Health at Jimma University. He is working on WASH and Environment Project and consultant to different organizations on WASH and Resilience Measurements. He is supervision more than 10 PhD students on WASH and Environmental Contamination Remediation.

Connect with Argaw Ambelu

Jamie Bartram
Jamie Bartram is Don and Jennifer Holzworth Distinguished Professor at the University of North Carolina at Chapel Hill where he is also director of the Water Institute. He was formerly coordinator of water sanitation hygiene and health at the World Health Organization's headquarters.

Connect with Jamie Bartram

Marc-André Bünzli
Marc-André Bünzli is an environmental hydrogeologist head of the Expert Group WASH of the Swiss Humanitarian Aid unit, the operational arm of the Swiss Agency for Development and Cooperation and vice-president of the scientific committee supervising the hydrogeological mapping of Chad.

Connect with Marc-André Bünzli

Sergio Gelli
Sergio Gelli works for the International Committee of the Red Cross-ICRC, as the Energy Initiatives Senior Advisor to the Board of Directors. Before joining the ICRC and covering roles of progressive responsibilities in the field and at Headquarters where he was until 2018 Deputy Head of the Water and Habitat Unit he worked for various organisations as Consultant in Public Health engineering in the Humanitarian Sector.

Connect with Sergio Gelli

Jürg Utzinger
Jürg Utzinger is the Director of the Swiss Tropical and Public Health Institute and Professor of epidemiology at the University of Basel. He is an expert on the epidemiology and control of neglected tropical diseases and health impact assessment of large infrastructure projects. He is engaged in transnational global health research consortia with ongoing collaborative projects in Côte d'Ivoire, China and elsewhere in Africa and Asia.