Water Resources Management

MSc Thesis "Smart Water for Agriculture"

Smart Water for Agriculture (SWA) is a 5 year programme of the Netherlands embassy in Kenya. The programme promotes farmer-led and market-based smart water solutions. Smart water for agriculture is understood as part of the entire value chain. The smart water solutions that are promoted concern market-based options, both products and services, that will save water and energy and serve sustainable resource use, but also in many cases reduce labour and inputs, mitigate weather related risks, promotes off-season production opportunities, which makes them extra attractive.

In 2016 integrated assessment of farmer-led irrigation potential were conducted in 9 counties across Kenya. The project is now embarking on implementation activities, including:

- Field visits for ground-verification and cross-checking area estimates.
- In-depth assessments of drivers and bottlenecks on known aspects of key influence (including access to finance, technologies and markets) and associated social and environmental risks.
- Promotion and further development of pre-selected technologies and services on offer country-wide.
- Setting-up Irrigation Acceleration Platforms in the counties and at national level to facilitate innovation and learning processes.

There are various opportunities for MSc students to conduct their thesis research as part of this project.

Host institutes:	SNV Kenya, Smart Water for Agriculture project
Countries:	Kenya
Starting date:	Flexible
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