



FNs BÆREKRAFTSMÅL

Ingeniører Uten Grenser Norge

Marianne Nilsen Sturmair



Humanitær ingeniørinnsats

Vår visjon

Teknologi og ingeniørkompetanse for en bærekraftig og rettferdig verden

Frivillige er IUGs fremste ressurs!

Nærmere 1000 medlemmer som har ulike verv og roller: Styret i IUG, fagutvalg og faggrupper, lokal- og studentavdelinger.

Våre bedriftspartnere:

ElviaNITORAMBOLLHeidelberg
MaterialsERA GeoNorconsultMulticonsultNGIGNISTFokus
RÅDGIVNING

Hands on

Mulighetsstudier, prosjektering



Vanntilgang, vannkvalitet



Hvilke erfaringer tar vi med oss fra oppdrag med IUG inn i hverdagen som rådgiver i Norge?

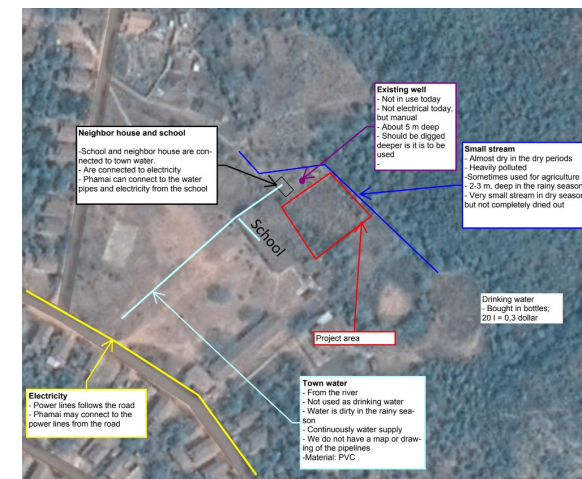


Ingebjørg Hovland Evang
Multiconsult



Trine Ånestad Rør
AFRY

Phamai plastgjenvinnings- og kunnskapssenter i Laos



Vannforsyning i rurale områder i Tanzania



Masteroppgaver - Tanzania

- Rebecca Martinsen (2018) – «Sustainable water supply in the rural districts of Mbulu, Hanang and Mkalama, Tanzania»
- Ingvild Misund & Sigrid Elizabeth Stang Møller (2019) – «Resilience of rural water supply systems»
- Maria Asklund (2020) – «Performance of solar-powered water pumping systems for rural water supply»
- Trine Ånestad Rør (2020) – «Multiple-Use Water Services in Rural Sites in sub-Saharan Africa»
- Ingebjørg Hovland Evang og Nina Bjørnvold Bakken (2021) – «Reliable Water to Rural Districts in Tanzania»
- Synne Ingeborg Høyås og Jehan Kanaganathan (2023) -

Grunnvannsbrønner

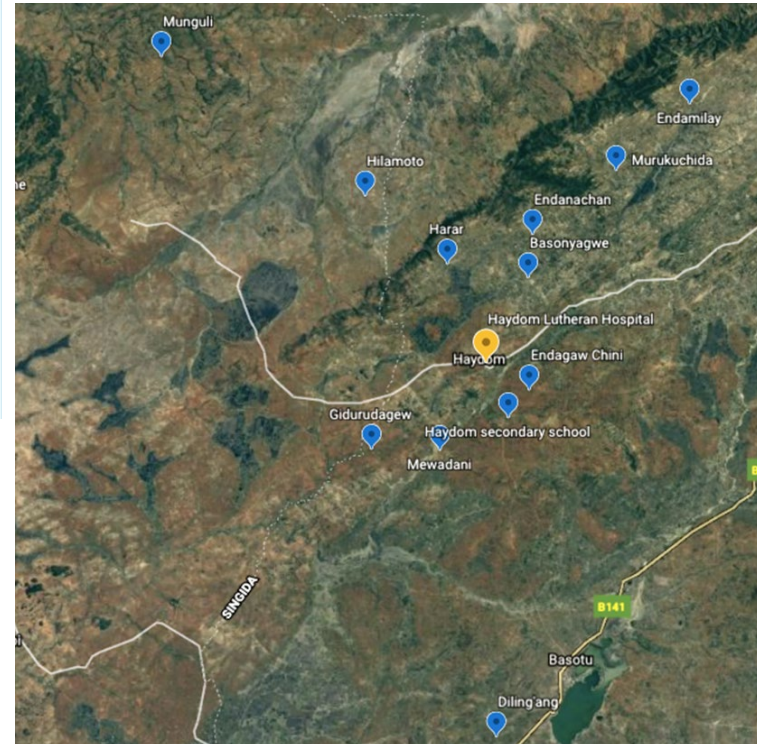
Solcelledrevne pumpestystemer



Håndpumper



Feltarbeid

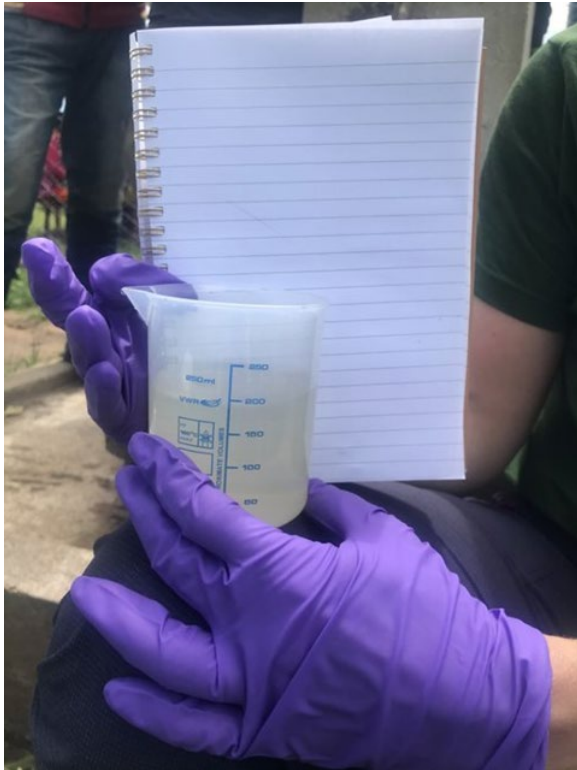


DATE	PROGRAM	PLACE
Tuesday 28/01/2020	<ul style="list-style-type: none"> Meeting with the district executive director (DED) of Mbulu (in Dongobesh) Meeting with the district commissioner of Mbulu (in Mbulu town) Meeting with the district water engineer (in Mbulu town) 	Dongobesh and Mbulu town
Wednesday 29/01/2020	<ul style="list-style-type: none"> Installation of a remote monitoring system Water quality measurements Measurements of the groundwater level in the well (pocket dipper and diver measurements) 	Endagaw chini
Thursday 30/01/2020	<ul style="list-style-type: none"> Water quality measurements Measurements of the groundwater level in the well (pocket dipper) (in Mewadani) 	Mewadani Basonyagwe
Friday 31/01/2020	<ul style="list-style-type: none"> Installation of remote monitoring systems, including pressure sensors in the wells Measurements of the groundwater level in the wells (pocket dipper) 	Mewadani Basonyagwe
Monday 03/02/2020	<ul style="list-style-type: none"> Meeting with water committees and PETS committees Water quality measurements (in Endamilay only) Installation of Diver (in Murukushida only) 	Endamilay Murukushida
Tuesday 04/02/2020	<ul style="list-style-type: none"> Meeting with water committee and PETS committee (in Endanachan) Water quality measurements 	Endanachan Murukushida Spring
Wednesday 05/02/2020	<ul style="list-style-type: none"> Meeting with water committee and PETS committee Water quality measurements 	Harar
Thursday 06/02/2020	<ul style="list-style-type: none"> Meeting with water committee and PETS committee Water quality measurements (Mewadani primary school) 	Mewadani
Monday 10/02/2020	<ul style="list-style-type: none"> Meeting with water committee and PETS committee Visiting Basonyagwe local dam 	Endagaw chini Basonyagwe
Tuesday 11/02/2020	<ul style="list-style-type: none"> Meeting with water committee and PETS committee in Gidurudagew Installation of pressure sensor in Mewadani 	Gidurudagew Mewadani
Wednesday 12/02/2020	<ul style="list-style-type: none"> Meeting with HANG'WA water committee Visit to water source and water tanks of Haydom Installation of pressure sensor in Endagaw chini 	Haydom Endagaw Chini
Thursday 13/02/2020	<ul style="list-style-type: none"> Inspection of remote monitoring systems in Basonyagwe, Endagaw chini, and Mewadani with the water district engineer of Mbulu Installation of pressure sensor in Basonyagwe 	Basonyagwe Endagaw chini Mewadani
Friday 14/02/2020	<ul style="list-style-type: none"> Meeting with the district executive director (DED) of Hanang (in Katesh) Meeting with the district water engineer (DWE) of Hanang (in Katesh) Meeting with water committee and PETS committee (in Diling'ang) Water quality measurements (in Diling'ang) 	Katesh Diling'ang
Saturday 15/02/2020	<ul style="list-style-type: none"> Diver measurements 	Endanachan
Tuesday 18/02/2020	<ul style="list-style-type: none"> Meeting with district executive director (DED) and district water engineer (DWE) of Mkalama 	Mkalama
Wednesday 19/02/2020	<ul style="list-style-type: none"> Meeting with water committee and PETS committee in Hilamoto Visit Munguli primary solarized system Water quality measurements 	Hilamoto Munguli
Thursday 20/02/2020	<ul style="list-style-type: none"> Meeting with water committee Water quality measurements 	Gidbyo
Friday 21/02/2020	<ul style="list-style-type: none"> Meeting with water committee (in Isene) Water quality measurements 	Isene Haydom secondary school
Monday 24/02/2020	<ul style="list-style-type: none"> Training in remote monitoring systems with 4CCP Interview of 4CCP Meeting with Dang'ayda village 	4CCP office Dang'ayda

Målinger i brønn



Vannkvalitet



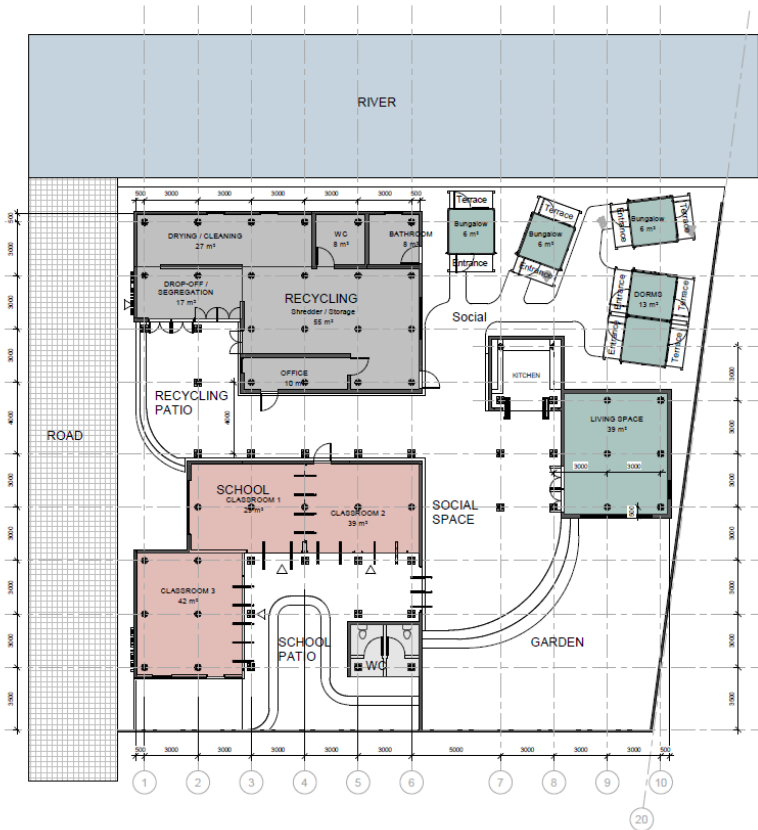
Intervju



Installering av fjernovervåkingsystem



Hva innebærer det å være en rådgiver?



Involvering av interessenter tidlig i prosessen



Viktigheten av vann og gode sanitærforhold



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for en bærekraftig og rettferdig verden*