

Weather Impact

CAPACITY BUILDING

to bring agronomic and meteorological knowledge together

We organize trainings with our local partner organizations to build capacity in dealing with and utilizing weather data for weather and seasonal forecasting. We also build tailored and context-specific agro-weather tools that ultimately equip farmers with the necessary information to cope with a changing climate. These are often train-the-trainer sessions aiming at a cascading knowledge transfer from government officials and other experts to extension officers and farmers. Trainings can take a technical approach, teaching hands-on python skills to handle and combine meteorological and agronomic data, and/or a practical approach where we focus on tailoring, interpretation and application of agro-weather tools.

Target groups and partners:

- National Meteorological Agencies
- Government sector
- Public sector
- Agricultural organizations and experts
- Other



Project examples on capacity building

Zimbabwe

The Zimbabwe Meteorological & Agricultural Departments required training on the use of agro-meteorological information to create Digital Climate Advisory Services. Weather Impact has developed several training sessions and aims to build capacity at the meteorological and agricultural institutions to generate these digital services. Topics that are covered are the use of open source data and software, accessing and processing meteorological data, generation of agro-meteorological advisories, dissemination of information, and more.

“Great facilitation skills, content well prepared and the concepts covered are important in solving DCAS challenges in Zimbabwe.”

Shylock Muyengwa - Zimbabwe Evaluation Association



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Project examples on capacity building

Lesotho

We had the opportunity to train a wide variety of ca. 40 stakeholders on the development, use and benefit of agro-weather tools for the farmers of Lesotho, Southern Africa. Participants are from various backgrounds, such the Lesotho Meteorological Service (LMS), the Ministry of Agriculture and Food Security (MAFS), Bureau of Statistics and agro-extension officers from across the country. Overarching message is that all expertise's from farmers to high-level experts are needed for accurate and impactful agro-weather tools: have a good farmer database, provide timely and tailored weather information, combine this with the vast amount of local agronomical information available, and make sure to choose the correct set of dissemination methods (like SMS, an app, Telegram bot or bulletins). On top of this, automization and operationalization of such processes is needed to make it scalable.

“It has been so great to be in this training and this is going to help us to help our farmers to plant their crops in the right timing in line with weather expectations, and do the cropping activities the right way.”



The Netherlands

Weather Impact and HydroLogic provide a training program on weather and water management for Dutch waterboards and municipalities. This training program focusses on the intersection of weather and water management and helps in decision making and taking preventive measures in time. The 3-day program is filled with interesting information on the weather system and weather forecasting, the use of weather information in water management, a basis on climate change and climate scenarios and practical sessions on the use of meteorological and hydrological information.

“There is a real added value in helping our local partners to build up capacity and give them the needed training, so they can understand and use our services provided in the right way”

Weather Impact

Training content:

- **Programming and meteorology**
- **Agro-weather tools**
(*development and interpretation*)
- **Climate analyses**
(*for example crops*)



Work with us

Weather Impact supports high-level institutions, businesses, farmers and other stakeholders in a changing climate. We use our expertise in creating tailor-made-trainings to improve using data and advanced modelling, which can improve food supply while decreasing human impact on the environment.



How does it work?

- **Get in touch**
- **Discuss needs to tailor training content**
- **Delivery of on-site trainings**
- **Mentoring trajectory to ensure long-lasting learning outcomes**

Our services are scalable
and can be delivered at
any location

Who we are

Weather Impact aims at providing smart weather solutions to strengthen resilience of food producers. Our mission is to have a positive impact on food production and lower the risk of extreme weather and climate change. We provide small-scale farmers, commercial farmers and other stakeholders in the agricultural sector with access to high quality and local weather information, throughout Africa, Asia and Europe.

Contact us

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