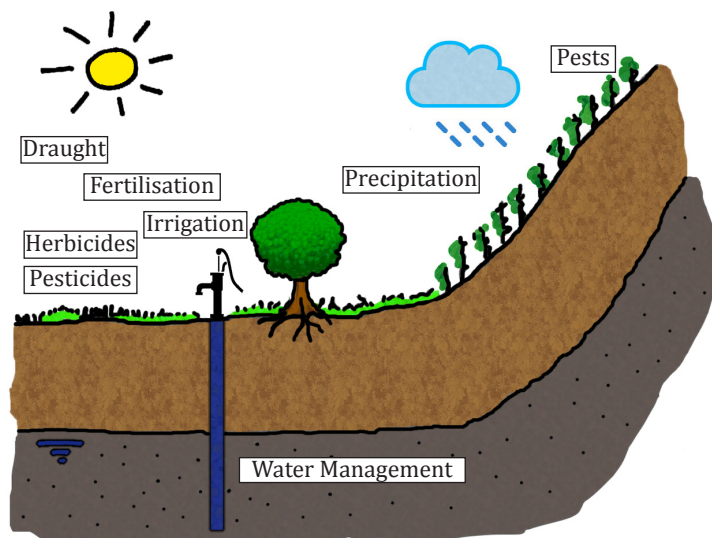


Worldwide Cooperation – Local Consulting

Agromet Advisories

Meteodat works together with institutions like MeteoSwiss, SENAMHI, IDEAM, the India Meteorological Department (IMD Pune) or Agroscope in several fields concerning the production of both cash crops and staple crops.

In most occasions the urgency of crop specific agromet advisories which are elaborated for a local scale appears sooner or later. Agrometeorological perils like pests and diseases, draughts, frosts or floods can lead to severe harvest losses. The optimal application of fertilizer, herbicides and pesticides and times to sow or to harvest depend on specific weather conditions.



The understanding of both, natural processes and human influences in complex farmland areas are challenges for all farmers and regional governments and it can be helpful to issue individual recommendations for affected people.

Meteodat established its role as consultant in the following areas:

- Proposals of monitoring systems
- Consulting for local expert staffs
- Evaluation of existing data and measuring infrastructure
- Data processing and interpolation
- Comprehensive advisories combining field measurements and forecasts as well as remote sensing
- Downscaling of regional models to local conditions



Photo: Cornelia Giger

Agromet Advisories can help farmers to make decisions concerning their local crops. Such e.g. weather based advisories can be disseminated to the farmers through alerts and individual recommendations for localized areas threatened by acute risks.

Advisories – concerning the management of both groundwater and meteoric water – are also one of Meteodat's key competences. In monsoon influenced areas – for example – these questions are part of each agriculturalists daily concern. The efficient irrigation of farmland in landscapes under water stress is one of the crucial fields of studies in agrometric research. Meteodat presented various hands-on courses for «capacity builders» to ensure sustainability regarding these important parts of development cooperation.

Hazards like drought risk or the danger of coffee rust worry farmers in developing countries all over the world. Agromet advisories help to minimize the risk of those perils.

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