

# ADVANCED INTERNATIONAL TRAINING PROGRAMME



## ITP: 309a GLOBAL **Climate Change – Mitigation and Adaptation**

### **Eastern Africa**

Start-up seminar in Ethiopia, October 17–21, 2016

In Sweden, November 21–December 9, 2016

Follow-up seminar in Africa, May 2017

Closing date  
for applications:

➤ **August 12,  
2016**

## Welcome

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This International Training Programme is specially designed for persons qualified to participate in reform processes of importance on different levels and hold positions in their home organisations with mandate to run processes of change. It offers support to strengthen, adapt and maintain capacity over time in order for your organisation to define and achieve goals on both short and long term. Participants will access the latest research and development in their areas of work, be supported by skilled Swedish colleagues and experts, develop a network of colleagues from other countries and enhance knowledge in new working methods. The methodology used is based on the assumption that your organisation wishes to carry out changes and is willing to invest their own resources to achieve these changes.

Swedish know-how to bring science into strategic planning, when it comes to combating and adjusting to the future climate, is based on a long tradition of close cooperation between scientist and decision-makers. Ever since 1997 when the Swedish national climate modelling centre, the Rossby Centre, was established at SMHI, Sweden has been in the forefront of regional climate modelling. SMHI also hosts the National Knowledge Centre for Climate Change Adaptation, which provides tools and information for societal planning.

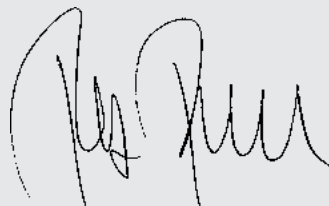
Although both awareness and insight in the importance of mitigation and adaptation have increased significantly the last years, the need to further boost comprehension and experience is apparent. The continuous development of new and better global and regional climate models with increasingly higher resolution forms the basis for justifiable planning of adaptation also at regional and local scale. This International Training Programme will focus on how to integrate available climate information in a correct way to carry out sustainable adaptation measures. There will be special focus on climate change impact on water resources (water supply, agriculture, hydropower etc.).

On behalf of Sida, SMHI will carry out the advanced International Training Programme on Climate Change – Mitigation and Adaptation. Institutions, CSOs and private companies in Kenya, Ethiopia and Rwanda are hereby welcome to participate in this International Training Programme. We trust that you will find the training programme interesting.

SMHI hereby invites you to nominate candidates.



Lena Ingelstam  
DIRECTOR OF PARTNERSHIPS  
AND INNOVATION  
Sida



Rolf Brennerfelt  
GENERAL DIRECTOR  
SMHI

## Programme objectives

The overall objective of this training programme is to combat the negative impacts of climate change on vulnerable people living in poverty by increasing knowledge, strengthening institutions, and developing capacity related to climate change in the co-operating countries. This shall be achieved through supporting processes of change in organisations responsible for taking national strategies/policies into action on national, district or local level.

The ultimate beneficiaries of actions taken against a changing climate and its negative impacts are the general public in a country, most often women, children and poor. This training programme, which is designed for persons holding positions in their home organisation with mandate to initiate change on local to national level, therefore places great emphasis on the end-user of climate information, as well as on technical and hands-on content.

The expected outcome of the training programme for the participants and their organisations are:

- Raised knowledge on how to take awareness of climate change and its consequences into action on local to national scale, with focus on water resources including agriculture.
- Knowledge on how climate or seasonal forecasting data can be used in strategic planning/action plans within a green economy.

## Contents

The programme has a strong focus on water resources, planning and communication of climate information. The following topics will be addressed:

- Climate data
- Impacts on water resources
- Impacts on agriculture
- Further impacts
- Vulnerability analysis and risk assessment
- Climate change mitigation, incl. international law
- Adaptation and preventive actions
- Decision making under uncertainty
- Institutional development
- Climate information services and communication

### BENEFITS

- › Valuable exchange of knowledge and experience
- › Build and expand international and national networks
- › Initiate capacity building and organisational change

- Knowledge of methods to identify vulnerable sectors in the society and develop action plans.
- The awareness about gender issues and knowledge about methodologies to facilitate the integration of gender into policy and decision making have increased.
- Improved skills as a “change agent” in initiating and implementing organisational change.
- The Change Project have started a process of capacity development and organisational change.
- Networking on individual and organisational level has been enhanced.

## Change Project

Each applicant organisation shall formulate a Change Project that will be carried out by the participant during the course of the training. The Change Project shall be related to the programme objectives and reflect issues that are of concern for the participant’s organisation. The Change Project plays a central role in translating the training programme’s theoretical content into capacity development and institutional change.

An outline of the Change Project shall be submitted together with the application form, and plays a key role in the selection of participants. Organisations that can show how the Change Project will be incorporated after the formal end of the programme will have an advantage. Organisations are encouraged to send participants several years in a row who continue with the predecessors’ work, thus leading to a sustainable process of change.

After being accepted each participant will be assigned a facilitator at SMHI. During the period in Sweden the participant will develop a plan for the Change Project, to be carried out during phase 4 (see “Programme structure”) and presented at the regional follow-up seminar.

# Programme structure

## PHASES

The International Training Programme objective and structure require a strong involvement and commitment by the participating organisations. The training is divided into five compulsory phases, of which the most work is carried out from home with distance facilitator support. Phase 2, 3 and 5 are full time scheduled courses.

### **Phase 1 – Preparation (part-time, in home country)**

Immediately after confirmed selection, the participants will start to develop their Change Project. A short presentation should be prepared to be given during the start-up seminar.

### **Phase 2 – Start-up seminar in Addis Ababa, Ethiopia (1 week)**

The start-up seminar aims at stimulating cooperation between participants, their respective organisations and regional networks. It also provides an opportunity to find synergies between the participants' planned Change Project.

The tuition during the start-up seminar consists of group discussions and lectures with a combination of Swedish/international experts from the region.

### **Phase 3 – Advanced training in Sweden (3 weeks)**

During the training period in Sweden, participants will be exposed to Sweden's knowledge and experience on mitigation of and adaptation to climate change. Interactive lectures with Swedish and international experts and group discussions will be combined with excursions, study visits and group work.

There will also be time allocated for development of the participants' Change Project through discussions between the participants and their assigned facilitator.

During the programme, activities of a social character will be arranged to deepen the contact between participants and to make the stay in Sweden a positive experience.

### **Phase 4 – Work with the Change Project (6 months, part-time, in home country)**

Back in their respective organisations the participants will start realising their Change Project. Participants will actively use web-based tools for interaction with facilitators and other participants. A written final report and a presentation shall be prepared for the regional seminar, which constitutes the formal end of the training programme.

### **Phase 5 – Regional follow-up seminar in Eastern Africa (1 week)**

The regional phase will take place in one of the participating countries. During this session the participants will report on the progress of their Change Project with feedback from the facilitators as well as other participants. Study visits and lectures will provide opportunities to learn from local and regional experiences.

## LEARNING PROCESSES

The programme employs a mixture of pedagogical methods such as lectures, group works, forum discussions, study visits and facilitator support. Planning, implementation and evaluation of the Change Project will provide continuity to the programme over its duration.

The number of participants is limited to 25 in order to ensure a close working relationship between participants and lecturers.

## MANAGEMENT AND STAFF

The International Training Programme is carried out under the management of SMHI, Norrköping.

## TIMETABLE

### **WHERE:**

The programme will be held in Norrköping and Stockholm. The start-up seminar (phase 2) will be held in Addis Ababa. The follow-up seminar (phase 5) will be held in one of the selected participating countries, yet to be decided.

### **WHEN:**

The start-up seminar will be held October 17–21, 2016.  
The training phase in Sweden will take place November 21–December 9, 2016.  
The follow-up seminar will be held during May 2017.

### **DURATION:**

The total duration of the programme is 8 months (phase 1–5) out of which 5 weeks are scheduled sessions.

# Admission requirements

## INVITED COUNTRIES

*Ethiopia, Kenya and Rwanda.*

## TARGET GROUP

Only candidates nominated by the appropriate organisation and in accordance with national rules will be considered. The programme is primarily intended for individuals who have key positions in organisations related to national, regional or local community planning, who are actively involved in strategic decision making.

Candidates representing government organisations, private companies or NGOs at national, regional or local level are encouraged to apply. The candidates should hold an academic degree or have equivalent knowledge with at least five years of professional working experience. To achieve a good gender balance, applications from qualified women are especially welcome. Candidates who have earlier participated in a training programme financed by Sida cannot apply for this programme.

## LANGUAGE REQUIREMENTS

The training programme will be organised and conducted in English. Candidates from countries where English is not an official language should do a language test with an official body in the home country, unless other documentation to support for her/his ability can be provided. Proficiency in English shall be certified on the Application form.

## HEALTH REQUIREMENTS

Considering the training programme consists of international travels and work away from home in a new environment, good health and full working capacity is conditioned. It is therefore recommended that candidates undergo a medical examination before filling in the Medical Statement in the Application form.

## OTHER REQUIREMENTS

Nominations are assessed on individual and organisational merits. 25 participants will be selected to the programme taking

into account that the participants bring diversity to the group through their various backgrounds and professional qualifications.

The outline of the Change Project, together with the commitment of the home organisation to support active involvement of the participant in the implementation of the project will be of crucial importance in the selection of participants.

Once selected, the participants are required to attend all scheduled parts of the programme and a Letter of Commitment is to be signed by the nominating organisation before the start of the programme. Due to the nature of the programme, family members are not allowed to accompany participants to the programme.

## COSTS

All training costs pertaining to lectures, literature, documentation, study tours and certain social activities as well as accommodation and food will be covered by the organiser. All international travel costs to the training in Africa and Sweden will be covered by the organiser. Costs for personal expenses are not included and is the responsibility of the participant or his/her organisation.

## VISA

Participants are responsible for obtaining all relevant visas during all scheduled parts of the programme. The costs for obtaining visas are to be borne by the participant.

## INSURANCE

All participants are covered under a group insurance while on scheduled parts of the programme. Medical and dental check-ups are not included.

## CERTIFICATE

Participants who successfully complete the programme will be awarded a Certificate of completion of training.

## APPLICATION PROCESS

Closing date for applications is August 12, 2016. Application shall be made on the special form attached and include a recent photograph and all required information and documents. An outline of the Change Project shall be submitted together with the application form including the following.

- Title of the Change Project
- Objective and expected impact
  - Background and project idea
  - Change Project objectives
- Resources
- Work Plan and Methods
  - Risks
  - Plan forward

For further instructions and access to template please go to [www.smhi.se/en/ITP](http://www.smhi.se/en/ITP)

Closing date for applications:

› **August 12, 2016.**

The applicant must be nominated by her/his organisation or institution. The application shall be submitted directly to the Programme Secretariat, preferably by e-mail: [ITPClimateChange\\_ea2016@smhi.se](mailto:ITPClimateChange_ea2016@smhi.se).

All applicants will be notified by e-mail before September 16, 2016.

As part of Sida's work with capacity and institutional development Sida offers international training programmes (ITP) for participants from low-and middle-income countries in priority areas. ITP's methodology takes account of the desire to develop and reform that the participants' organisations have expressed in their application to the program.

The programmes cover areas of strategic importance to the social, environmental and economic development of co-operating countries and are based on identified priorities and needs. In the long-term perspective, the programmes shall contribute to institutional strengthening and capacity development in the co-operating countries.

### ORGANIZER

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SMHI, the Swedish Meteorological and Hydrological Institute, is a government agency dealing with meteorology, hydrology, oceanography and climatology, acting under the auspice of the Ministry of Environment and Energy.

The main activities in the context of public requirements for the institute are forecasting, early warnings, monitoring, research and international co-operation. Operations include data acquisition networks, supercomputing facilities, laboratories, ships and representation in international organisations and programmes.

SMHI performs commercial services to meet weather and water related information needs within the sectors of infrastructure, energy, environment, media, retail and shipping. More than half of the total annual turnover derives from business activities in Sweden and abroad.

For more information about SMHI, visit our webpage: [www.smhi.se/en](http://www.smhi.se/en).

For more information about SMHI Climate Change – Mitigation and Adaptation visit our webpage: [www.smhi.se/en/itp](http://www.smhi.se/en/itp)

#### **Norrköping**

Norrköping is situated 170 km south of Stockholm and has 135.000 inhabitants. The climate of Norrköping in November is milder than in other places on corresponding latitudes. The average temperature in November is around 3°C. The average total amount of precipitation (rain or snow) is around 50 mm in November. Participants are advised to bring warm clothes.