



Food and Agriculture Organization  
of the United Nations

## FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

### Terms of Reference for Internship

<b>Job Title:</b>	<b>Strengthening of Conservation Agriculture CA</b>		
<b>Division/Department:</b>	<b>Soils and Water Division</b>		
<b>Location:</b>	La Paz Bolivia		
<b>Linkage to Strategic Objectives</b>			
<b>Expected Start Date of Assignment:</b>	January 2019	<b>Duration:</b>	11 months
<b>Report to:</b>	Dr. Theodor Friedrich	Representative of FAO in Bolivia	

#### GENERAL DESCRIPTION OF TASK(S) AND OBJECTIVES TO BE ACHIEVED

##### Background:

Bolivia has a serious problem of land degradation, a soil erosion map of the country showed 20 years ago that more than 50 percent of the land is at different levels of degradation, this can be for different reasons, and one of them is in relation to the traditional land use employing tillage based agriculture with disc tools. Consequently, patches of agriculture are exposed to severe erosion by run off and wind, this causes soil deterioration a reduction of crop yields.

In that sense, the CA facilitates good agronomic practices, such as the execution of operations in due time, and improves the general care of the same land for agricultural production under natural or artificial irrigation. Conservation Agriculture complemented by other good practices, including the use of quality seed, the integrated management of pests, organic matter combining rationally with fertilizers, weeds and water Conservation

Agriculture forms the basis for a sustainable production, as well as facilitating the integration of other sectors of production, such as the integration between crops and livestock and the integration of trees and pastures in the agricultural landscape.

The Plurinational State of Bolivia has the right conditions for this type of agriculture within the framework of the Law of the Productive Revolution No. 144, the Law 300 of Mother Earth and the political constitution of the State

As a result, FAO Bolivia has elaborated a high priority TCP proposal called "Adoption of Conservation Agriculture as resiliency generator for smallholders to climate change". This proposal has the objective of expanding knowledge about this practice and the benefits of agricultural systems and food sovereignty.

##### Duties and Responsibilities:

Under the overall supervision of FAO Bolivia Representative and the direct supervision of FAO Representative Assistant, the intern will develop her/his activities, within the framework of the Fellowship's Programme for Technical Cooperation Capacity Building and Human Resources Development and within the terms of the organization's delegated authority, the candidate will perform the following duties:

- Participate in the technical assistance activities of the project will support to small holders, universities or research institutions who previously agreed with FAO in practical assistance of Conservation Agriculture.
- Work with FAO Bolivian team in the Conservation Agriculture systems directly at field level in Research institutions, Municipal technicians and communal promoters.
- Participate in field schools which will be organized by the Agriculture Ministry and FAO
- Participate in the systematization of experiences concerned to CA

#### KEY PERFORMANCE INDICATORS

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| <ul style="list-style-type: none"> <li>• Expected Outputs:</li> </ul>  | Required Completion Date:                                     |
| <ul style="list-style-type: none"> <li>• Successfully undertake in a timely manner the duties as set out above.</li> <li>• Contribute to a national programme on Conservation Agriculture, eventually bringing experiences from such program as implemented in China</li> <li>•</li> </ul> | As required by the supervisor and by the end of the contract. |

#### REQUIRED COMPETENCIES

- Knowledge of agriculture, soil science or related technical areas
- Good command of Spanish Language
- Abilities to work in a multiethnic team

#### Minimum requirements:

- Bachelor degree in Agricultural Sciences or related fields
- Good Spanish Language knowledge

#### HOW TO APPLY