

Fecha actualización

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**INSTITUTE OF SOIL**  
NATURAL RESOURCES RESEARCH CENTER  
(IS-NRRC- INTA)  
Forest Value - Project Ideas

Buenos Aires, ARGENTINA

# About us

The Soil Institute investigates the physical, mineralogical, chemical, biochemical and biological processes of the soil, linked to the productive and ecological functions and the factors that cause soil degradation in Argentina. Likewise, the Institute is responsible for evaluating lands at different scales and with different objectives at the national level in collaboration with other INTA units, as well as with other national, provincial and private institutions and international organizations

# Forest Value - Project idea

## **Sustainable and innovative management of multifunctional forests.**

One of our current research approaches focuses on the study of the contribution of different production systems to mitigate climate change effects. Our objective is to expand our research by evaluating and comparing GHG emissions and C sequestration from different ecosystems (silvopastoral systems-SSP, afforestation, natural areas).

The SSP and multipurpose plantations contribute to the environmental ordering of the territory occupied by livestock; and can be a tool to reduce deforestation; to rehabilitate degraded lands; increase the livestock and forestry production while generating ecosystem services (soil water conservation, reduction of GHG emissions, increase of soil C, among others). The aim is to understand the processes or properties that contribute to increase / reduce GHG emissions in environmentally contrasting regions in order to promote more efficient production systems.

The main purposes are to generate information to expand the area with multi-farm forest systems to non-forest regions, and contributes with objective information for the formulation of public policies in order to clarify the position of Argentina in the face of international commitments.

We understand that to consolidate our research lines it is necessary the interaction with other research teams to exchange experiences and work together to consolidate actions, alliances and common development to maximize the impact of research in the network.

# Our network

INTA has a large net of research and experimentation centers in different Argentina ecoregions, and links with other science and technology organizations.

The Soil Institute has professionals that participate in the meetings of the IPCC and the World Soil Alliance (FAO).

INTA has national public-private links (AFOA-CREA).

The soil institute-INTA want to strengthen international links to maximize research capacities in soil management-climate change-sustainable forest production.

# Contacts

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