

# SUSTAINABILITY AND WORLD AGRICULTURAL HERITAGE SYSTEMS

**Section 1 – Introduction to Sustainable Agriculture Development**  
**Lesson 1.1 – The Importance of agriculture**

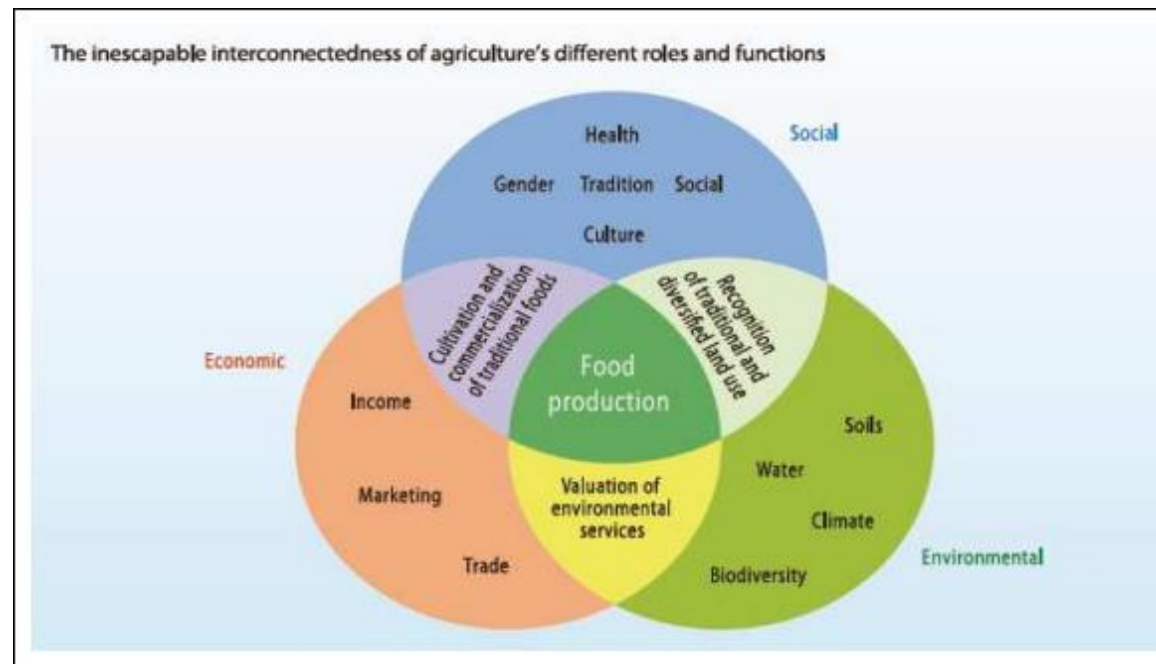
**Ernesto Sestan**

# AGRICULTURE

set of activities carried out to manage and protect renewable production resources  
(Naldini, 2011, Accademia Georgofili)



# MULTIDISCIPLINARY APPROACH



(Stéphane Parmentier, 2014) Scaling-up agroecological approaches: what, why and how?;

## OUTLINE OF HISTORY

It is thought to have been practiced sporadically for the past 23,000 years



## OUTLINE OF HISTORY

From as early as 11,000 BCE, people began a gradual transition away from a hunter-gatherer lifestyle toward cultivating crops and raising animals for food



## OUTLINE OF HISTORY

- The shift to agriculture is believed to have occurred independently in several parts of the world
- In Europe 5000 B.C. (Treccani)



# OUTLINE OF HISTORY

The Second Agriculture Revolution: between the mid-17th and late 19th centuries



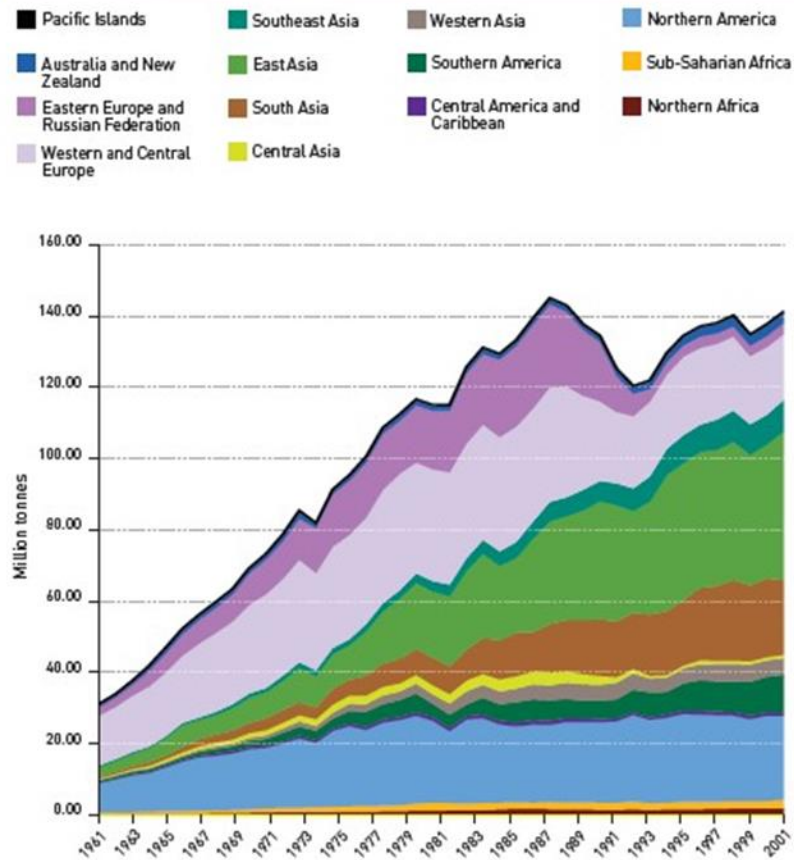
# OUTLINE OF HISTORY

## GREEN REVOLUTION



# OUTLINE OF HISTORY

FIGURE 3.3: TRENDS IN FERTILIZER USE



FAO

Thank you