



United Nations  
Convention to Combat  
Desertification



G20 GLOBAL  
LAND INITIATIVE

# Italy



# Overview

## Background

Italy is located in the Southern part of Europe and includes the Italian peninsula, that from the Alps stretches into the Mediterranean Sea, and several islands including Sicily (the largest in the Mediterranean Sea) and Sardinia. The Alps mountain range is the Italian natural northern border which separates Italy from the rest of Europe. The total national area is 301,340 km<sup>2</sup>, about 40% of the total national area is mountainous.

The driving sector of the national economy is the service

sector. The national population is expected to reach over 60 million by 2030.

Italy is located in an area identified as particularly vulnerable to climate change. Climate observations already confirm an increase of the average temperature as well as an upward trend in extreme temperatures.

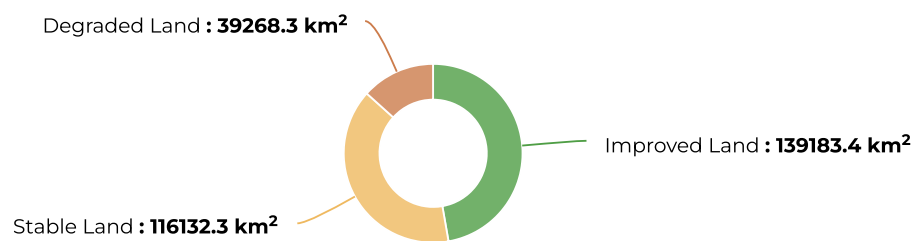
Italy is prone to natural hazards and climate change is expected to increase its vulnerability to climate-related hazards over the next decades.

Credits: [World Bank](#)

# Summary Chart

## Current State

Land degradation between 2001 and 2015 - SDG 15.3.1 (km<sup>2</sup>)

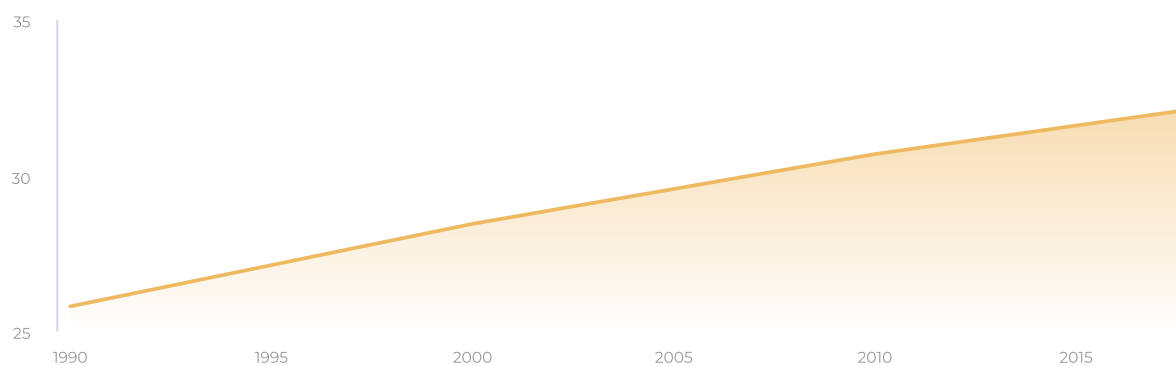


Credits: trends.earth

### Forest area

**32.5 % land**

6.0 % change over last 10 years

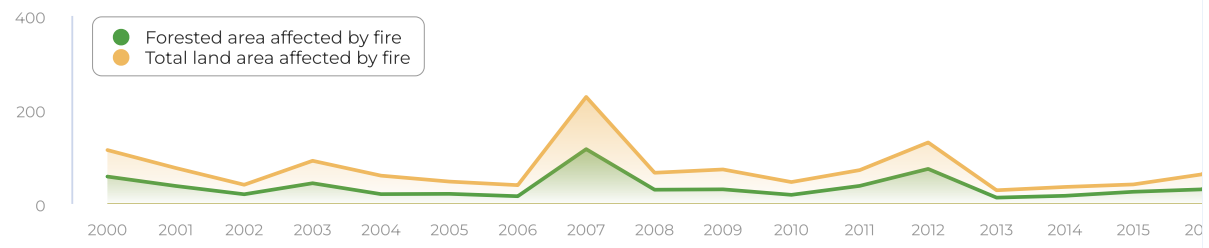


Credits: FAO



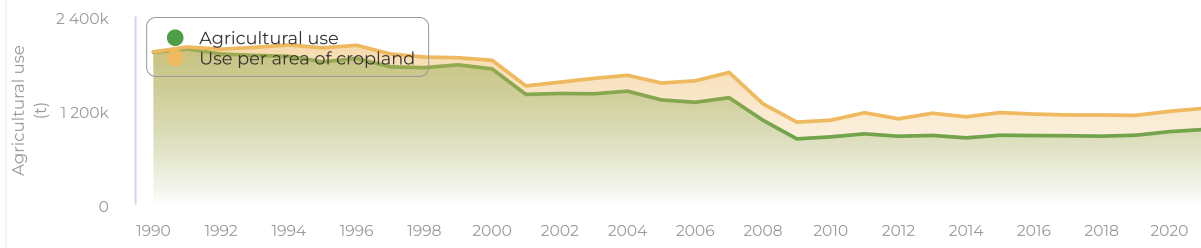
# Stressors

### Area affected by wildfires (kha)



Credits: FAO

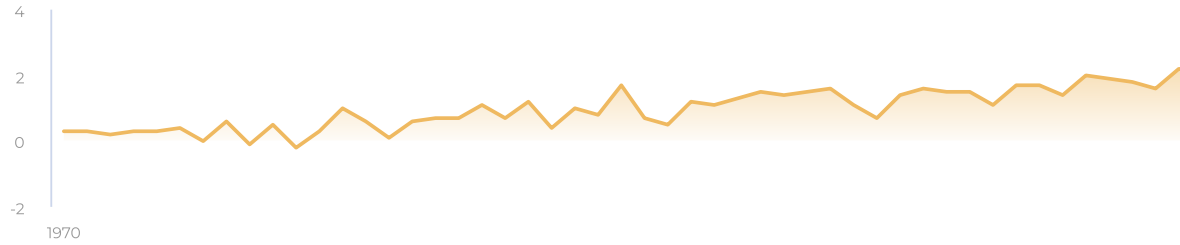
### Use of nutrients



Credits: FAO

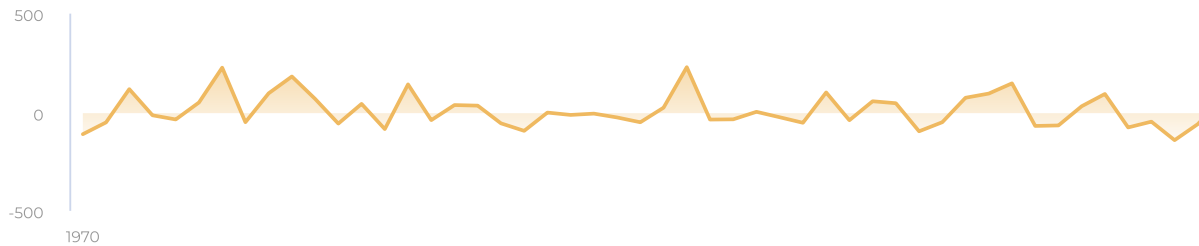
# Trends

### Annual temperature anomalies against 1901-1920 (°C)



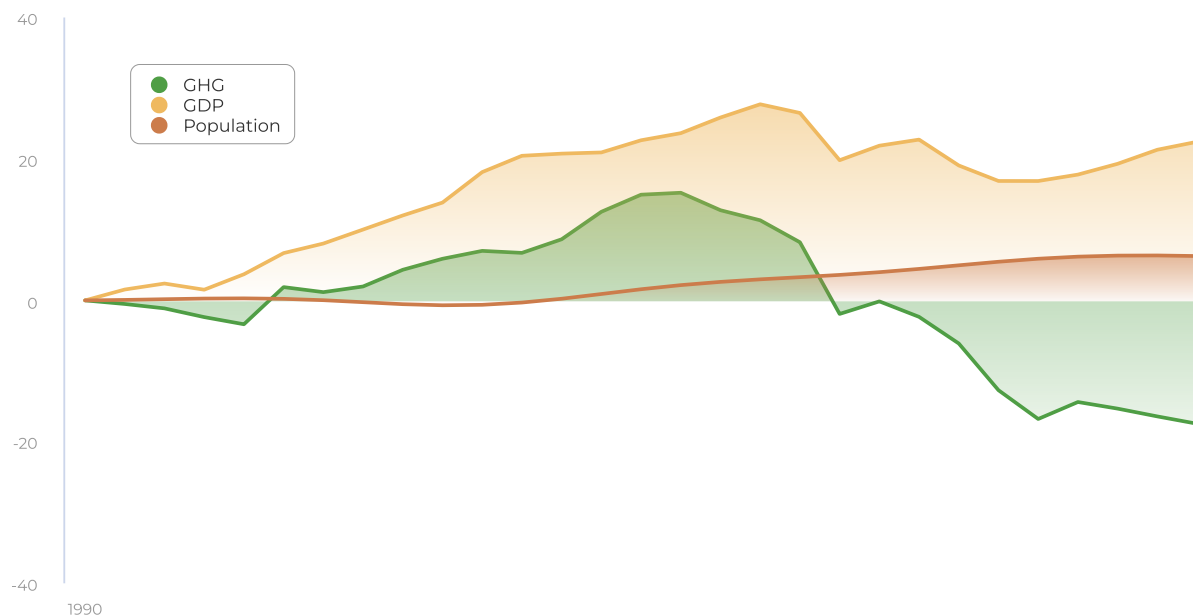
Credits: Climatic Research Unit (University of East Anglia) and Met Office

### Annual precipitation anomalies against 1901-1920 (mm)



Credits: Climatic Research Unit (University of East Anglia) and Met Office

### Population / Gross domestic product / Greenhouse Gases - change in % since 1990



# ↗ Impacts

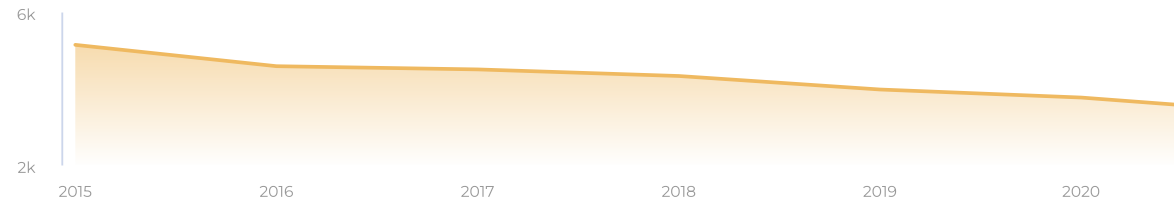
## Human displacements caused by climatic hazards



Credits: Climatic Research Unit (University of East Anglia) and Met Office

## Number of severely food insecure people - SDG 2.1.2

### 3.4K people



Credits: FAO

# 💡 Solutions

Proportion of terrestrial protected areas

**21.6 % of total land area**

2024

Credits: UNEP-WCMC

Official Development Assistance flows

Biodiversity sector (million USD)



Credits: OECD

# Commitments

<b>2,425,000</b> hectares	<b>LDN</b> Land Degradation Neutrality
<b>0</b> hectares	<b>NBSAP</b> National Biodiversity Strategies and Action Plans under the Convention on Biological Diversity
<b>0</b> hectares	<b>NDC</b> Nationally Determined Contributions embody efforts by each country to reduce national emissions and adapt to the impacts of climate change.
<b>0</b> hectares	<b>Bonn Challenge</b> Bring 150 million hectares of degraded and deforested landscapes into restoration by 2020 and 350 million hectares by 2030

# Treaties

Treaty	Signature	Ratification	Party status
Stockholm Convention	2001-05-23	2022-09-29	Ratification
Minamata Convention on Mercury	2013-10-10	2021-01-05	Ratification
Kyiv Protocol on Pollutant Release and Transfer Registers	2003-05-21	2020-11-23	Ratification
Nagoya – Kuala Lumpur Supplementary Protocol	2011-06-14	2019-04-09	Ratification
Paris Agreement	2016-04-22	2016-11-11	Ratification
Protocol on Strategic Environmental Assessment	2003-05-21	2016-07-18	Ratification
UN Watercourses Convention		2012-11-30	Accession
International Treaty on Plant Genetic Resources for Food and Agriculture	2002-06-06	2004-05-18	Ratification
Cartagena Protocol	2000-05-24	2004-03-24	Ratification
Rotterdam Convention	1998-09-11	2002-08-27	Ratification
Convention on the Transboundary Effects of Industrial Accidents	1992-03-18	2002-07-02	Ratification
Kyoto Protocol	1998-04-29	2002-05-31	Ratification
Aarhus Convention	1998-06-25	2001-06-13	Ratification
Specially Protected Areas and Biodiversity Protocol	1995-06-10	1999-09-07	Ratification
United Nations Convention to Combat Desertification	1994-10-14	1997-06-23	Ratification
The Water Convention	1992-03-18	1996-05-23	Ratification

<b>Treaty</b>	<b>Signature</b>	<b>Ratification</b>	<b>Party status</b>
Convention on Biological Diversity	1992-06-05	1994-04-15	Ratification
United Nations Framework Convention on Climate Change	1992-06-05	1994-04-15	Ratification
Basel Convention	1989-03-22	1994-02-07	Ratification
Land-Based Sources Protocol	1980-05-17	1985-07-04	Ratification
Convention on Migratory Species	1983-11-01	1983-11-01	Ratification
Convention on Long-range Transboundary Air Pollution	1979-11-14	1982-07-15	Ratification
Convention on International Trade in Endangered Species of Wild Fauna and Flora	1979-12-31	1979-10-02	Ratification
Barcelona Convention	1976-02-16	1979-02-03	Ratification
Ramsar Convention	1977-04-14	1976-12-14	Ratification
Prevention and Emergency Protocol	1976-02-16	1976-02-03	Ratification
Nagoya Protocol	2011-06-23		Signatory
Offshore Protocol	1994-10-14		Signatory
Hazardous Wastes Protocol	1996-10-01		Signatory
Protocol on Water and Health	1999-06-17		Signatory

