

Over the years, the contributions of the IPPC Community to environmental protection

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International Plant
Protection Convention

Outline

- 1. History of the IPPC**
- 2. Climate change and pests**
- 3. Ozone Secretariat: Montreal Protocol: Methyl bromide**
- 4. Convention on Biological Diversity: Invasive Alien Species (IAS) and Living Modified Organisms (LMO)**

History of the IPPC

1881 concept

1951 FAO agreed
1952 came into force

**1992 FAO provided Secretariat,
started setting standards**

1997 revision adopted by FAO
2002 came into force

1989 SPS recognized our
standards, guidelines and
recommendations





Purpose of the IPPC

***Securing common and effective action
to prevent the spread and
introduction of pests of plants and
plant products***

- surveillance of growing plants, including both areas under cultivation and wild flora
- plants should be understood to continue to include algae and fungi

Climate Change and pests

Climate change may:

- alter pest distribution, open up new areas
- alter plant emergence and cause greater impacts
- a reduction in the effectiveness of pesticides
- a reduction of pollinators and beneficial organisms for bio control



Climate Change and pests

Climate change may:

- cause a reduction of crops' tolerance and resistance to pests
- cause loss of some wild relatives and genetic diversity
- a decrease in soil fertility and an increase in soil erosion that reduces the natural capacity of soils to control soil-borne pests and diseases



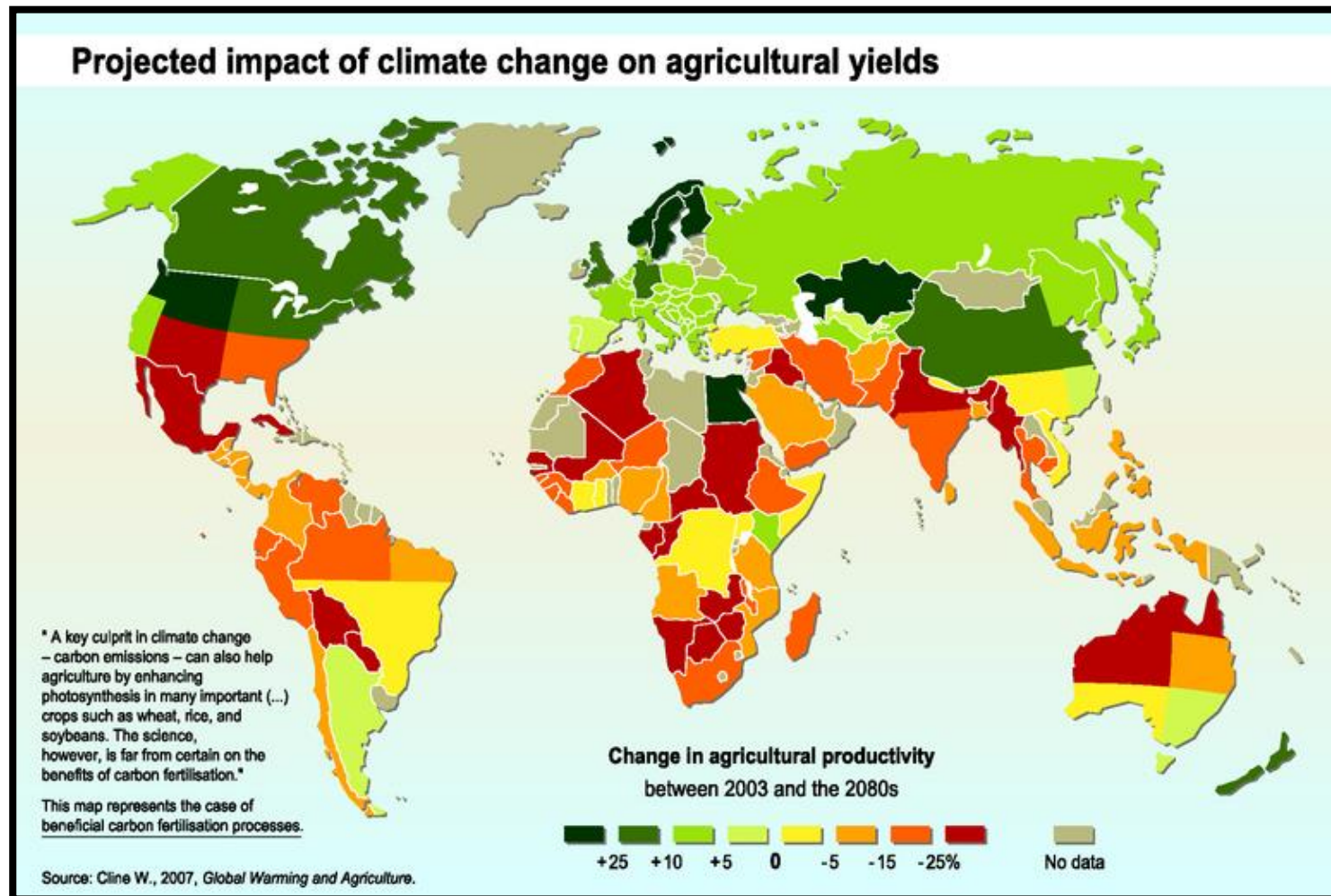


IPPC and Climate change

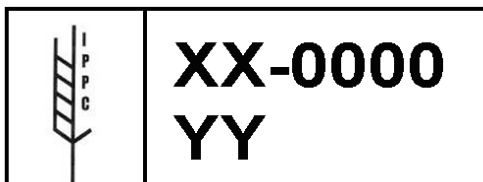
The IPPC Community is actively trying to make a difference:

- improving the exchange of information among contracting parties
- working together with some countries to help develop their capacity
- studying a project to increase and harmonize surveillance activities
- adopted a pest risk analysis process that is robust and can be adjusted as information changes

Climate change



Montreal Protocol & IPPC



2002 adopted ISPM 15 Guidelines or Regulating Wood Packaging Material in International Trade

2004 ICPM-6 added the topic of alternative strategies to methyl bromide for a standard

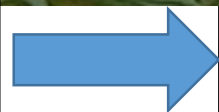
2008 CPM-03 Replacement or reduction of the use of methyl bromide as a phytosanitary measure

1987 adopted
Montreal Protocol on Substances that deplete the Ozone Layer



CPM cited by the global community for adopting methyl bromide as an alternative treatment

CPM, proclaimed as an example to follow & joint publication



Convention on Biological Diversity & IPPC

1999 ICPM-2 added topic
GMO/Biodiversity/Invasive species

2000 Open-Ended Working Group on
Phytosanitary Aspects of GMOs and on
Invasive Species

1992 Convention on Biodiversity
agreed
1993 entered into force



**Convention on
Biological Diversity**

2001 A joint consultation on IPPC-CBD collaboration



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2001 CPM-01 Recommendation on: LMOs, biosecurity and alien invasive species

2003, ISPM 11 supplement, Pest risk analysis for quarantine pests including analysis of environmental risks.

2003, ISPM 5 supplement, Guidelines on the understanding of “potential economic importance”

2003 IPPC Braunschweig workshop: Using the IPPC framework to manage IAS

2001 Guiding Principles For The Prevention, Introduction And Mitigation Of Impacts Of Alien Species That Threaten Ecosystems, Habitats Or Species



2004 Memorandum of Cooperation between the CBD and IPPC Secretariats. Attending CPM & COP. Joint work plan

CBD & IPPC

2004 ISPM 11 *Pest risk analysis for quarantine pests including analysis of environmental risks and living modified organisms.*

2005 CPM-02 Recommendation on: Threats to biodiversity posed by alien species: actions within the framework of the IPPC

2007 Evaluation of the workings of the IPPC and its institutional arrangements

2009 ISPM 5. Appendix 1 *Terminology of the Convention on Biological Diversity in relation to the Glossary of phytosanitary terms (2009).*



2005 Ad Hoc Technical Expert Group on Gaps and Inconsistencies in the International Regulatory Frameworks on Invasive Alien Species

CBD & IPPC

2010 Inter-Agency Liaison Group On Invasive Alien Species

2014 CPM-04 Recommendation on:
IPPC coverage of aquatic plants

2014 CPM-05 Recommendation on:
Internet trade (e-commerce) in plants
and other regulated articles

2014 IPPC recognized as a biodiversity convention, IPPC
Secretarati joined Biodiversity Liaison Group

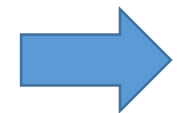
2015 CPM-06 Recommendation on:
Sea containers





Plant Biodiversity





IPPC Community's contribution to the environment

- **Adjusting to climate change, getting prepared to adapt to new information and face the challenges**
- **Contributed to help protect the ozone layer**
- **Continue to listen to environmental concerns, addressing them and providing an infrastructure to help protect plant ecosystems, habitats and species**



The IPPC Community has made a big impact on the environment

