

Mission of GEOSS

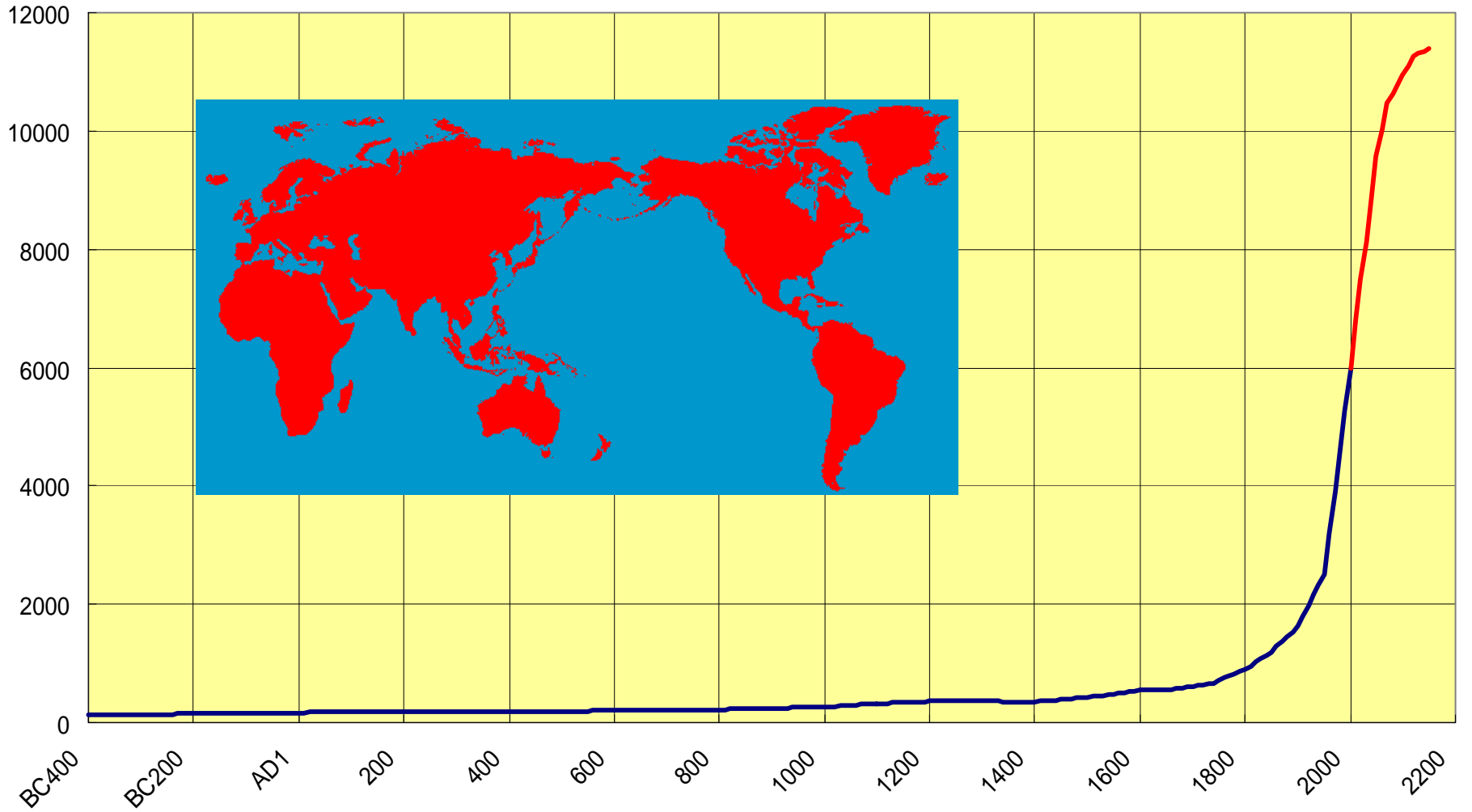
Sustainable Development

**Limited Amount of Earth
Resources**

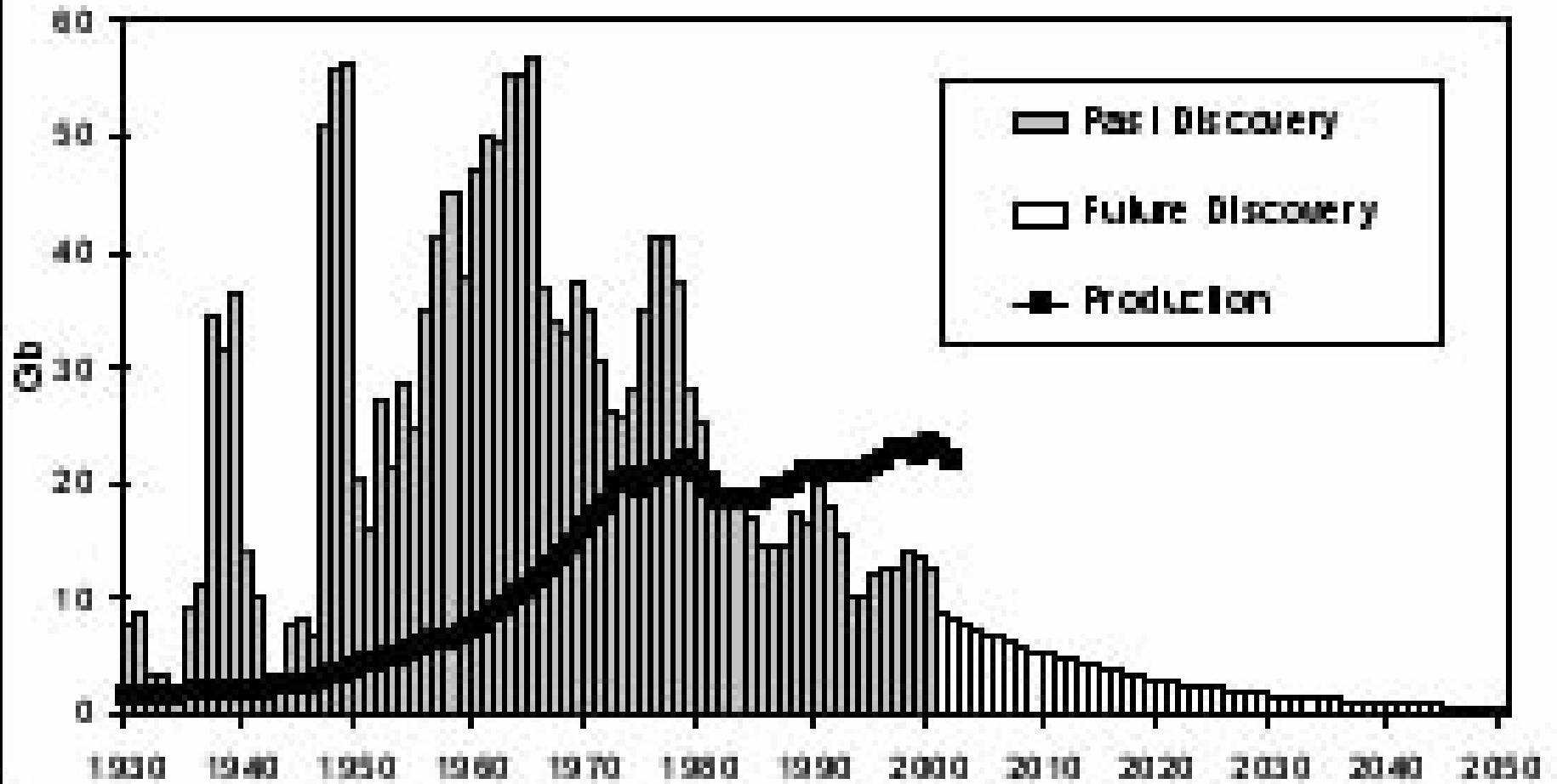
Risk Management

Population of The World

(million)

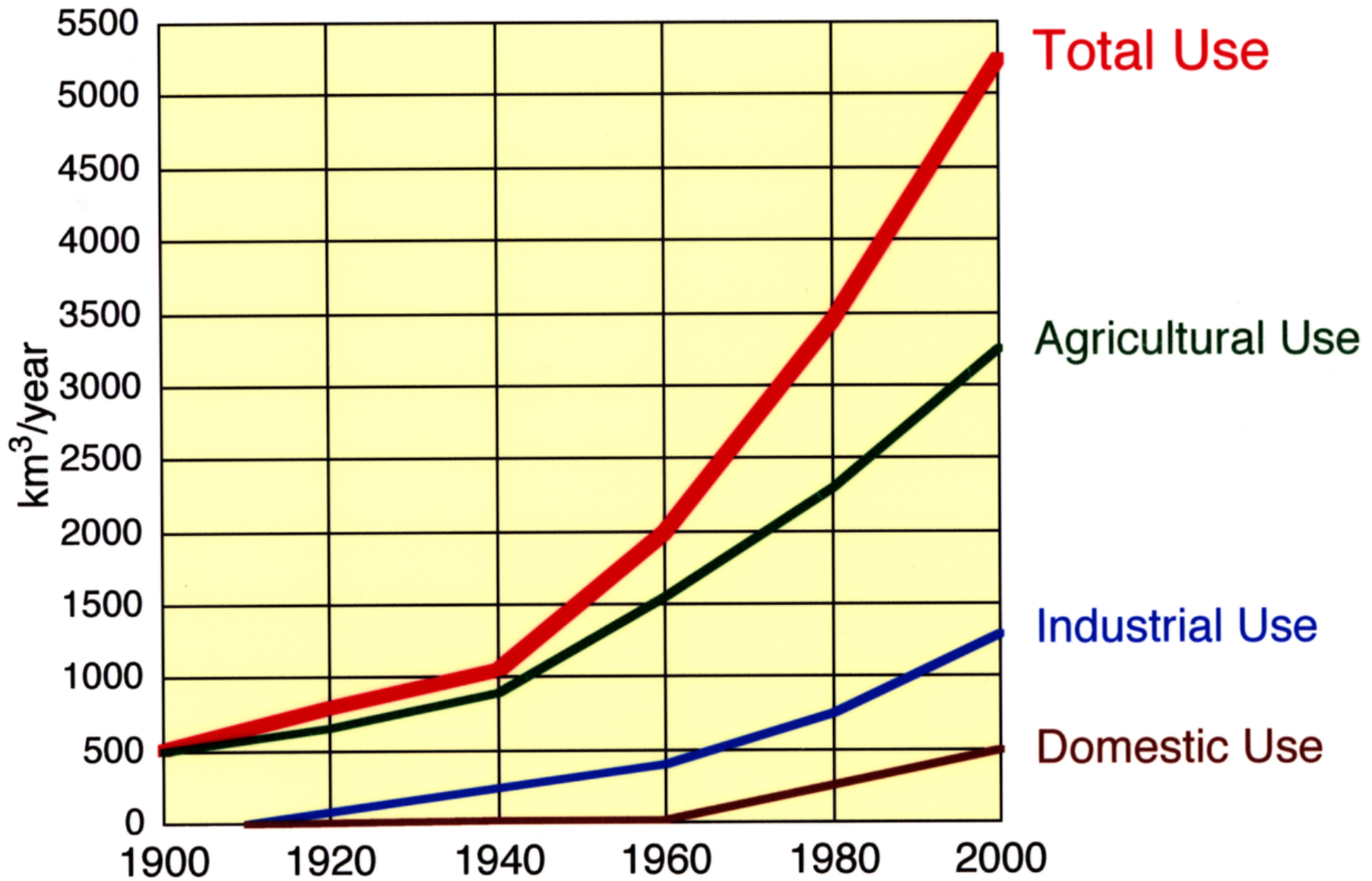


The Growing Gap

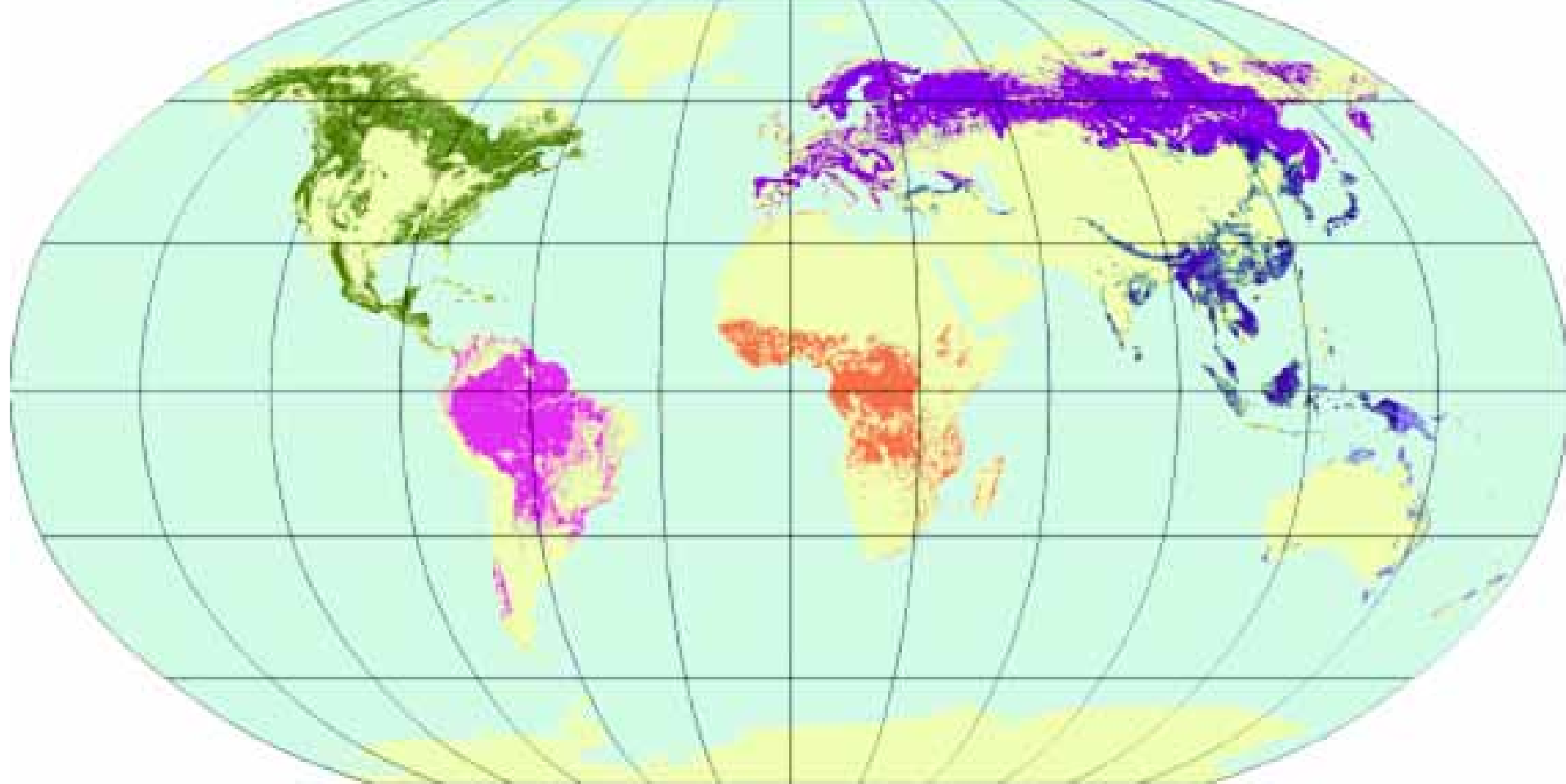


C. Campbell ASPO2004

The Association for the Study of Peak Oil and Gas

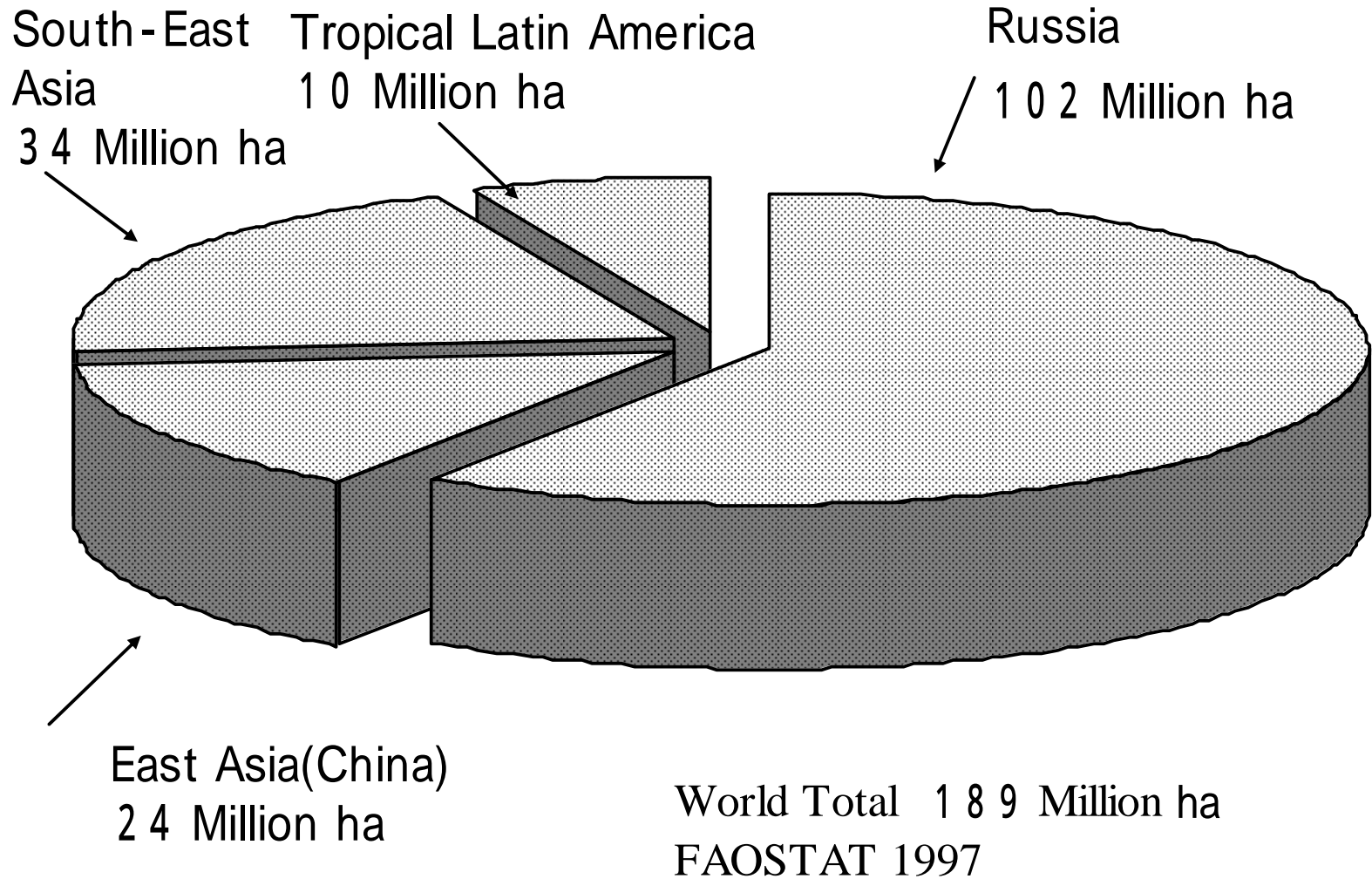


Global Water Use, 1900-2000



- **Africa**
- **Asia**
- **Oceania**
- **Europe**
- **North and Central America**
- **South America**

Cumulative deforested areas between 1964-1994





Sentinel Asia
Disaster Management Support
System

Wild Fire Working Group

Wild Fire Control

Fire Warning (Fire Danger Warning)

Early Fire Detection

Forecasting Fire Expansion

Early Fire Control

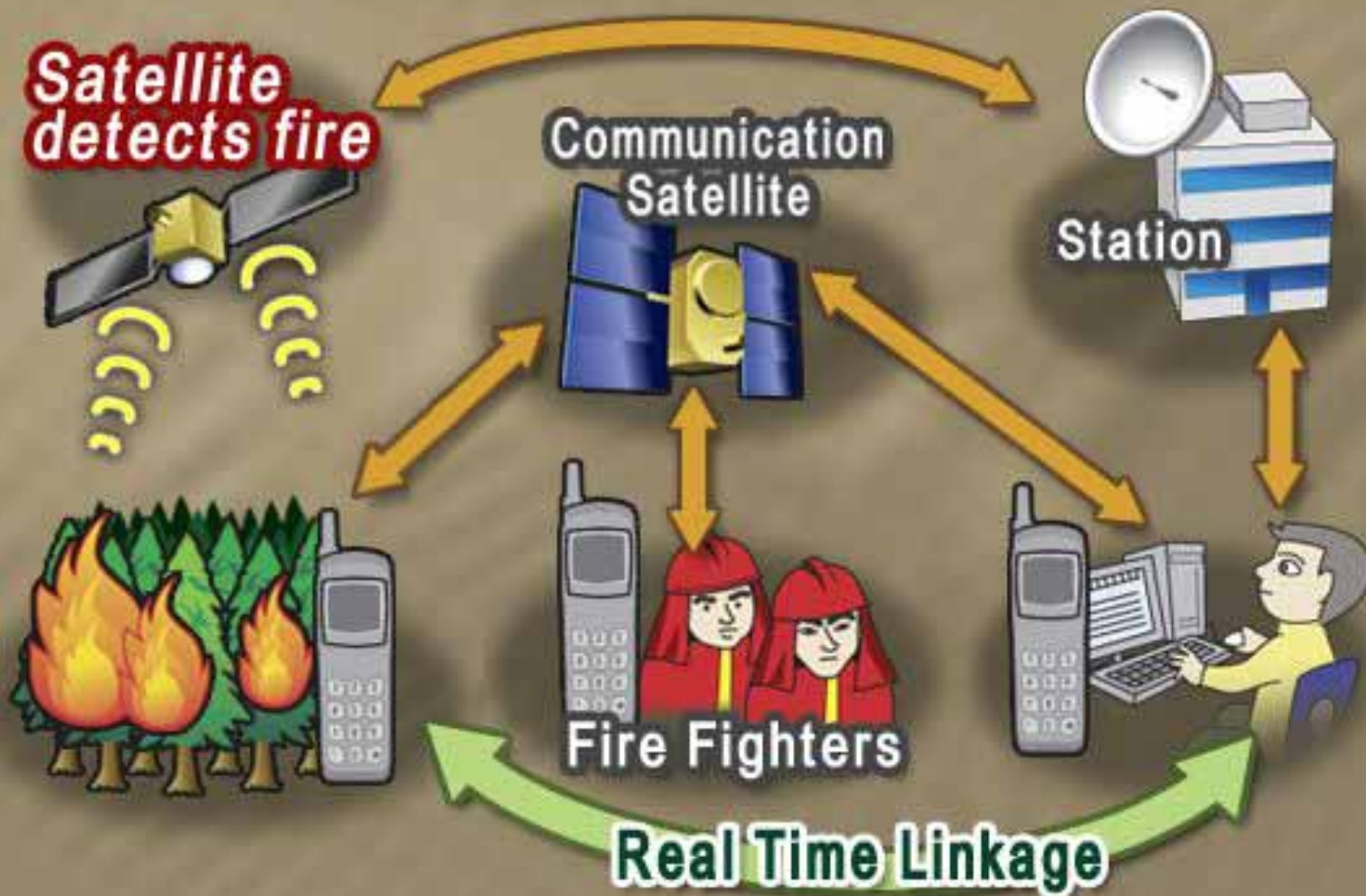
Full Suppression

Restoration of damaged forest



Satellite
Information

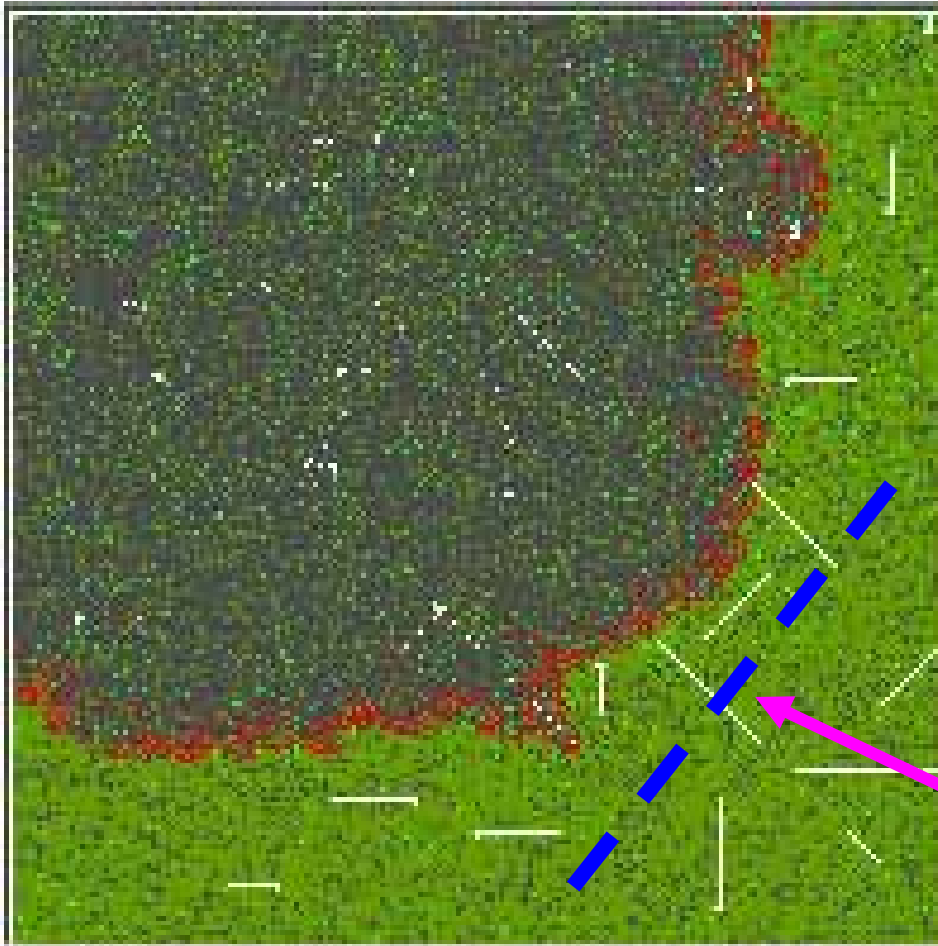
Boreal Wild Fire Control Initiative



Fire Control Management



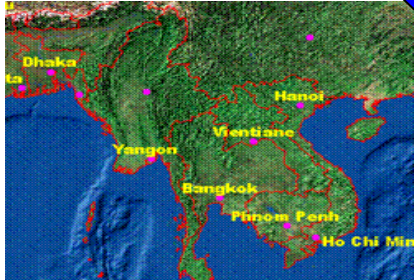
Fire Expansion Forecast



Sentinel Asia (MODIS Wildfire Monitoring)



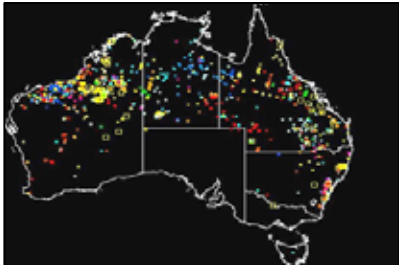
Hokkaido Univ.



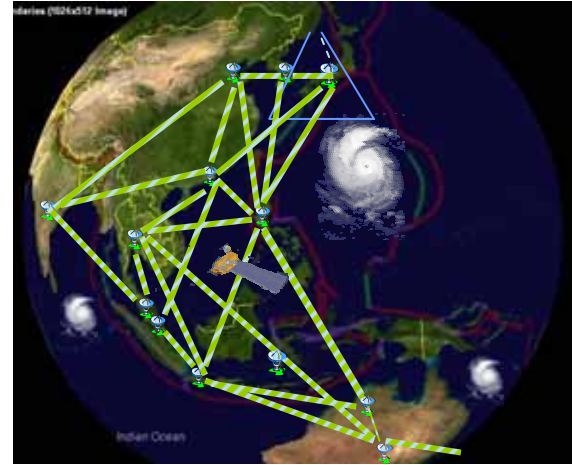
AIT/Tokyo Univ (Thailand)



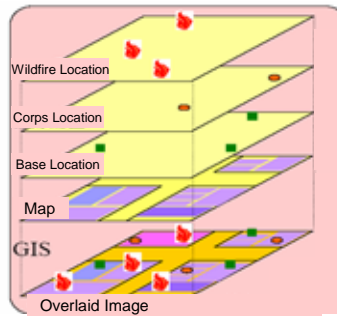
CRISP (Singapore)



CSIRO (Australia)



Satellite observation network

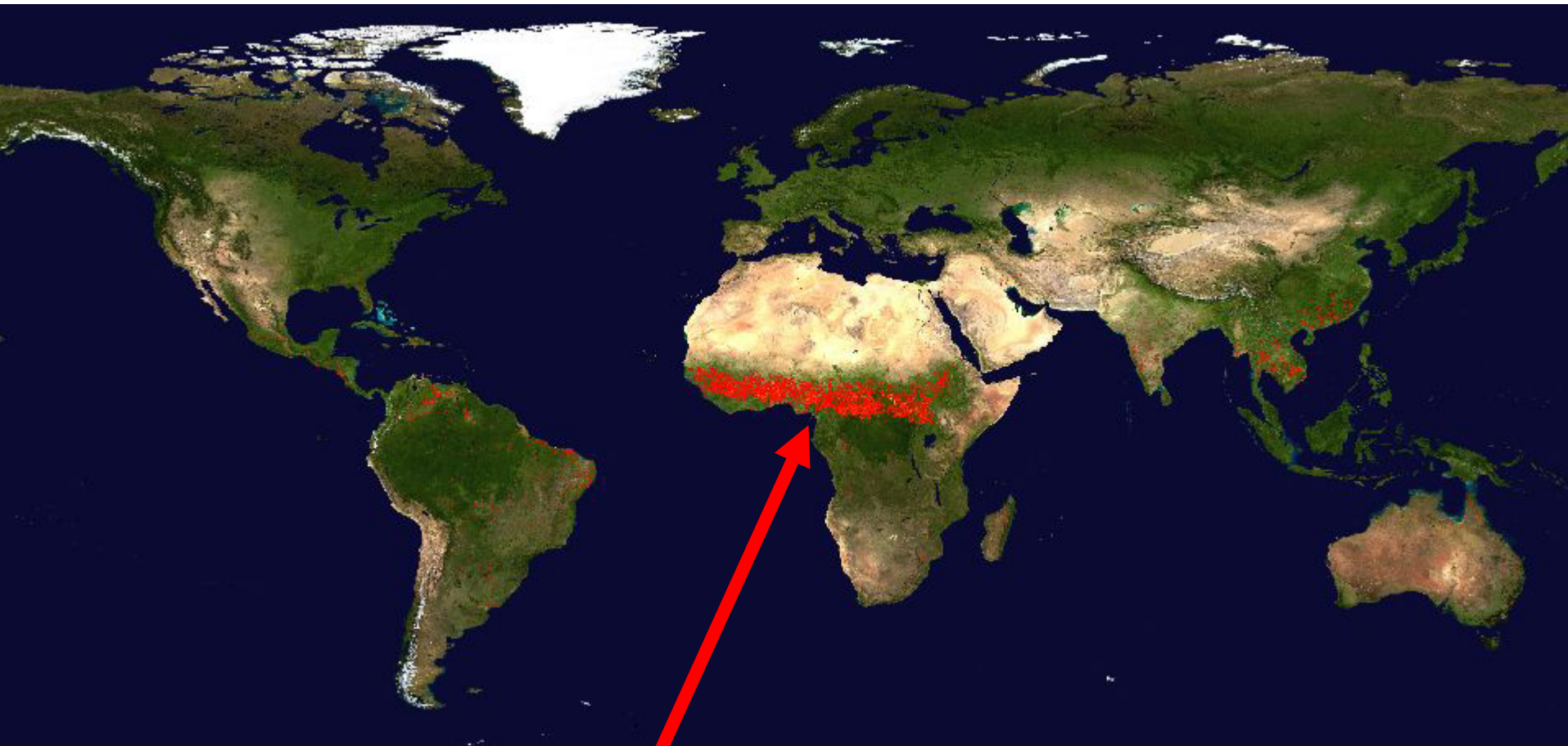


Integration by Digital Asia
Web-GIS interface

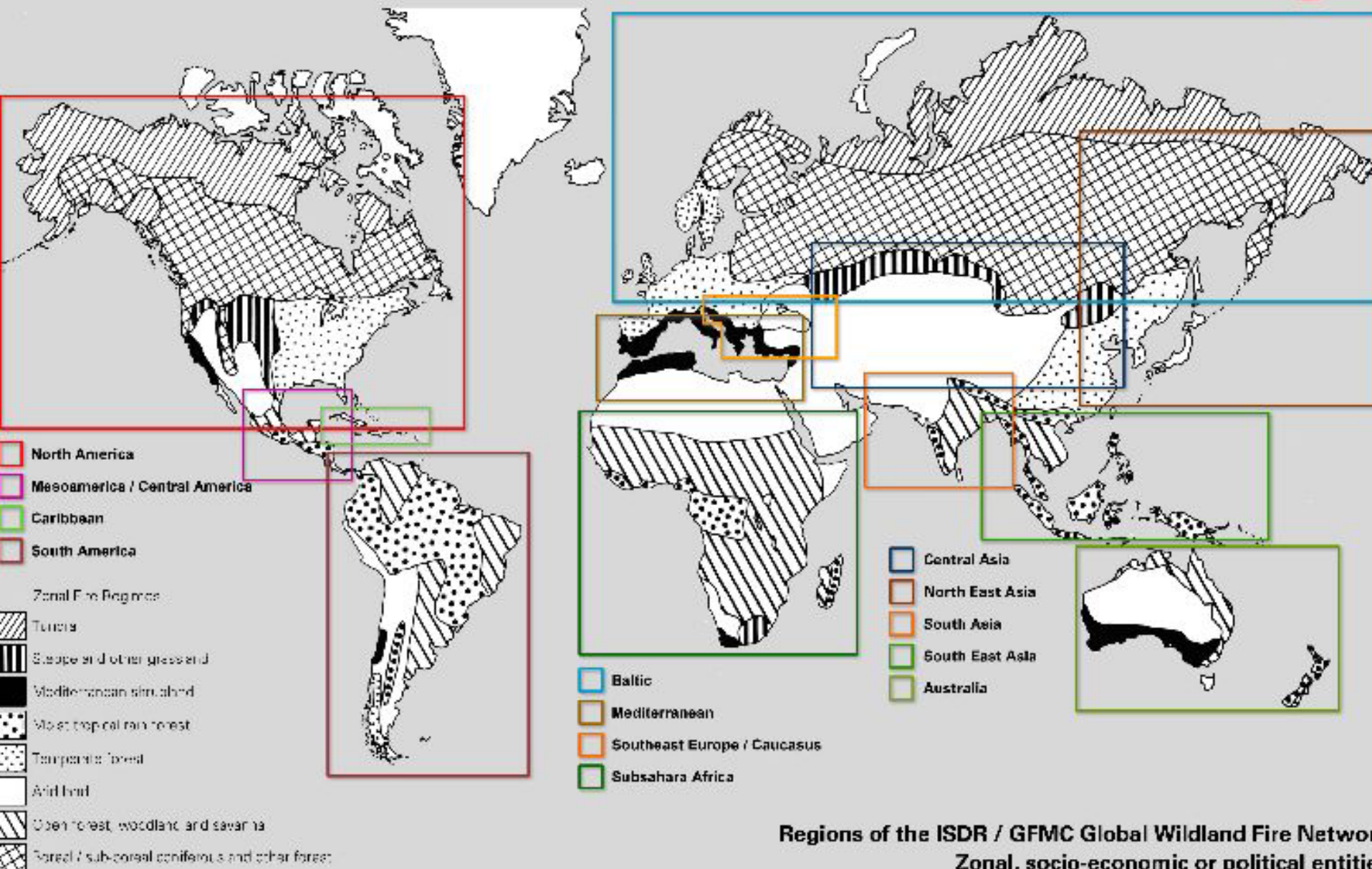
(Keio Univ.)



Wildfire Management



Urgent Task



Regions of the ISDR / GFMC Global Wildland Fire Network
 Zonal, socio-economic or political entities

Contribution to GEOSS

