

Tecnologies complementàries I: Informació sostenibilitat

24/02/2017



Càtedra UNESCO de Sostenibilitat



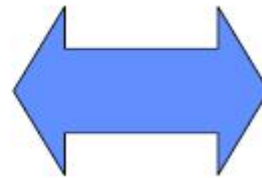
UNIVERSITAT POLITÈCNICA DE CATALUNYA



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Departament d'Enginyeria Minera, Industrial
i TIC

La Biosfera humanitzada es troba davant d'una Crisi Global que té components Ambientals, Socials, Econòmics i Institucionals



Aquesta crisi és conseqüència de la particular forma de relacionar-nos amb el Planeta Terra



- *“Tal vez más peligrosa para la integridad del Medio Ambiente que las propias amenazas estratégicas sea nuestra manera de percibir las.*

La mayor parte de la gente se resiste a aceptar la extrema gravedad de la crisis”.

(Al Gore. La Tierra en juego)



La dimensió de la crisi és més gran del que estem disposats a escoltar i acceptar

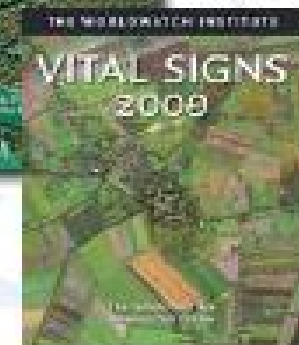
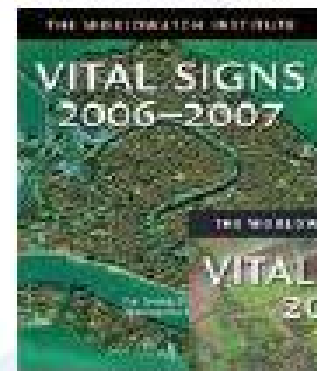
**Si no actuem no és per
manca d'informació**



**Avui en dia hi ha abundant
informació de qualitat (fins hi tot en
català) sobre els diversos aspectes o
dimensions de l'estat del món**

WORLDWATCH INSTITUTE

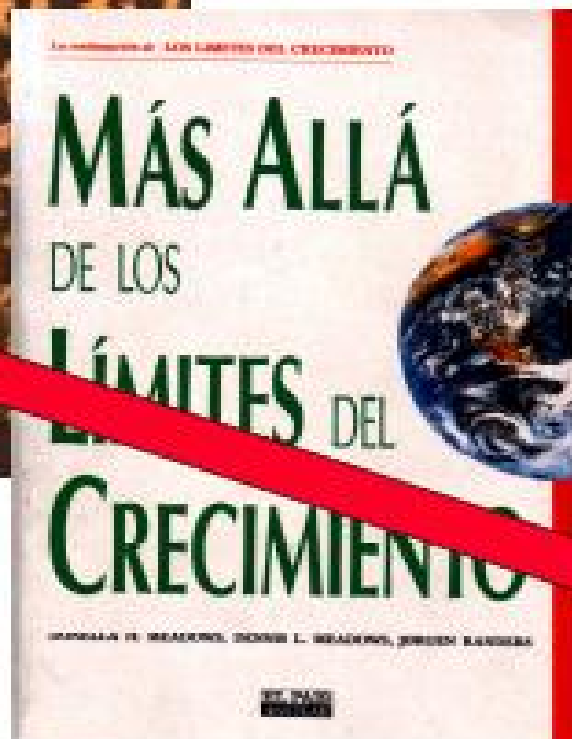
<http://www.worldwatch.org>



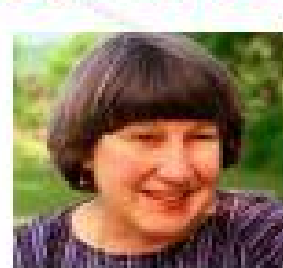
Donella & Denis Meadows



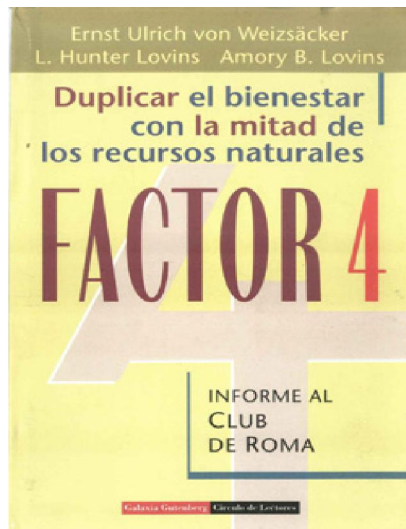
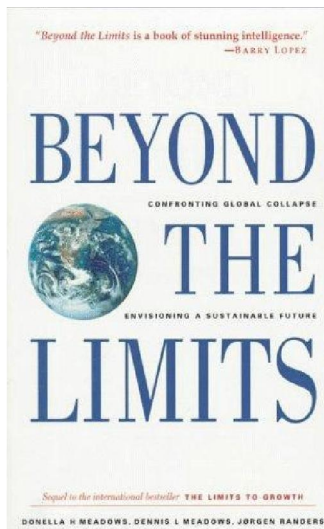
1972



1992

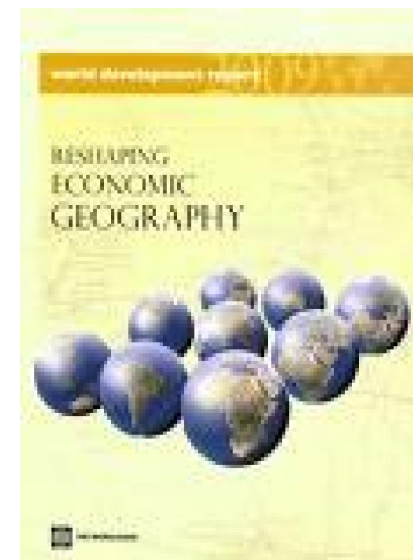


2004



Informes del Club de Roma

Informes del Banc Mundial





Cimeres Internacionals

- **Cumbre sobre Medio Ambiente y Desarrollo. Rio, 1992**

<http://www.un.org/geninfo/bp/enviro.html>

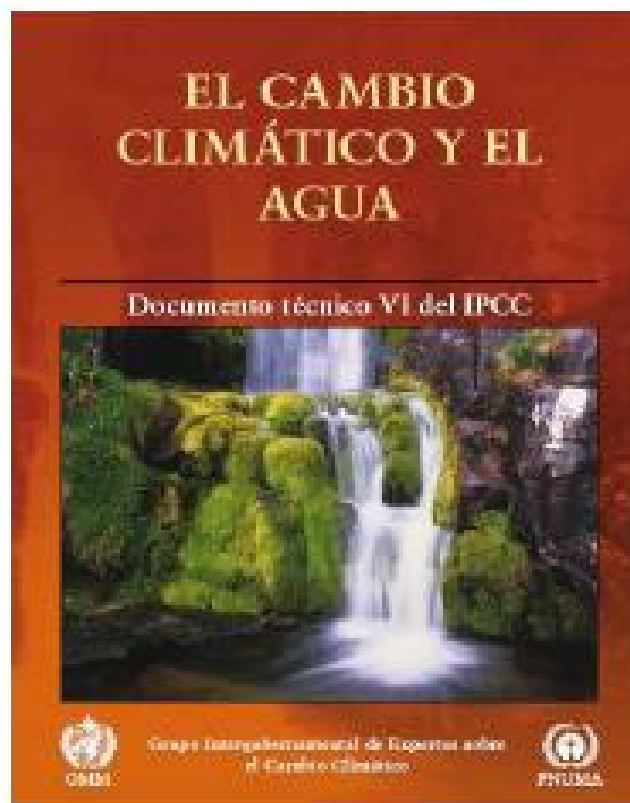
- **Conferencia de las partes sobre el Convenio del Cambio Climático. Rio, 1992**

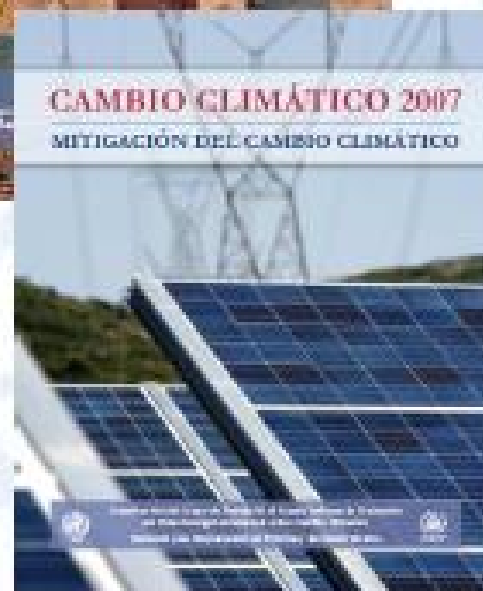
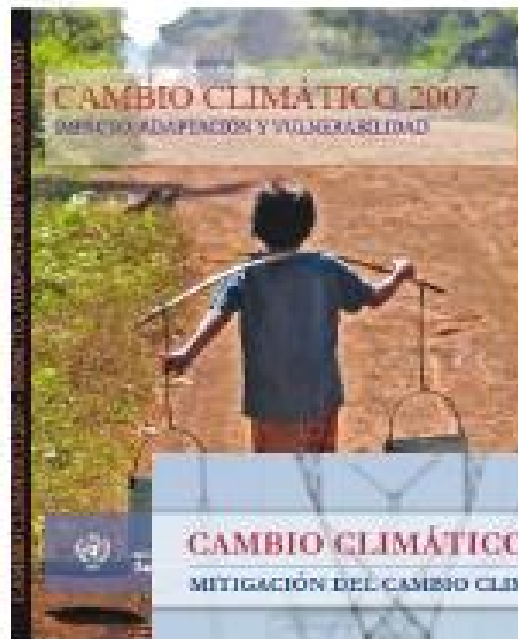
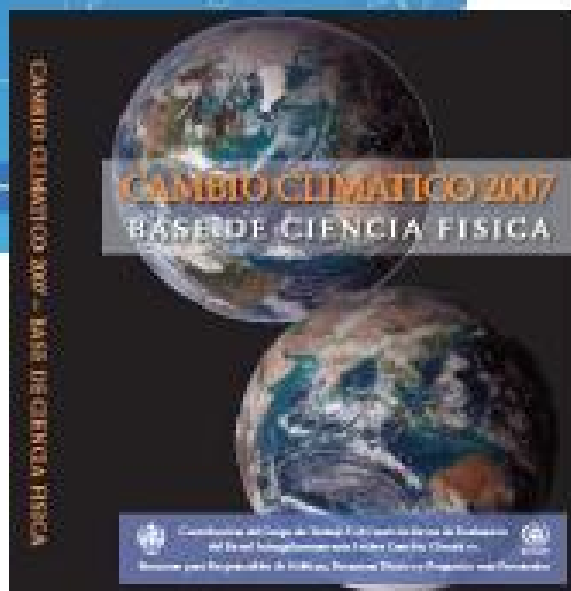
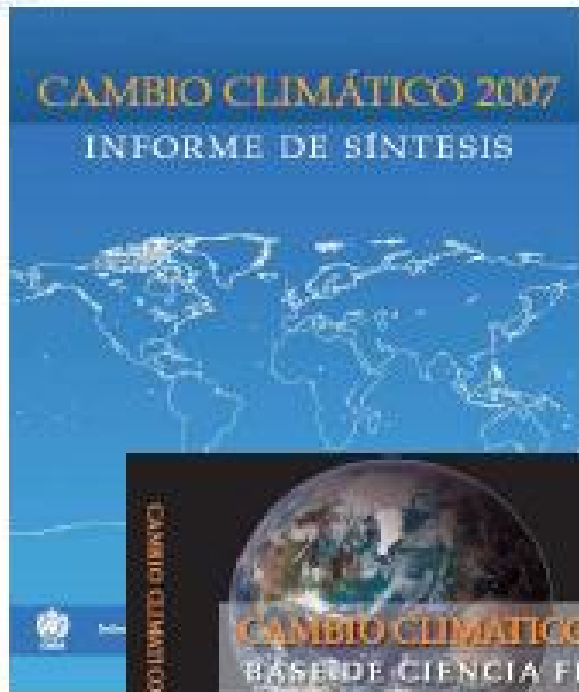
<http://unfccc.int/index.html>

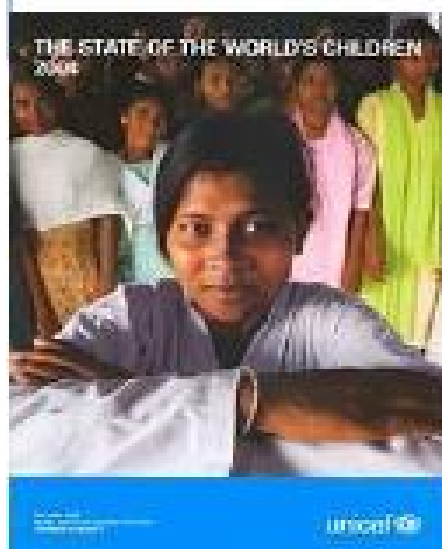
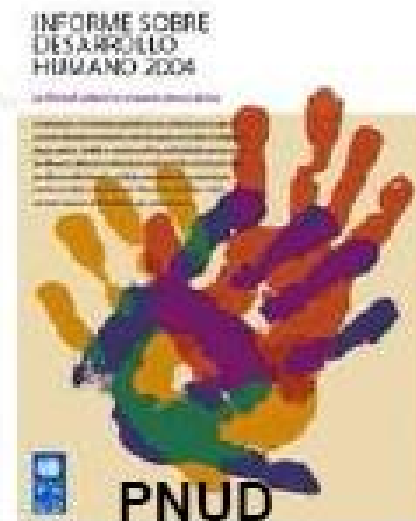
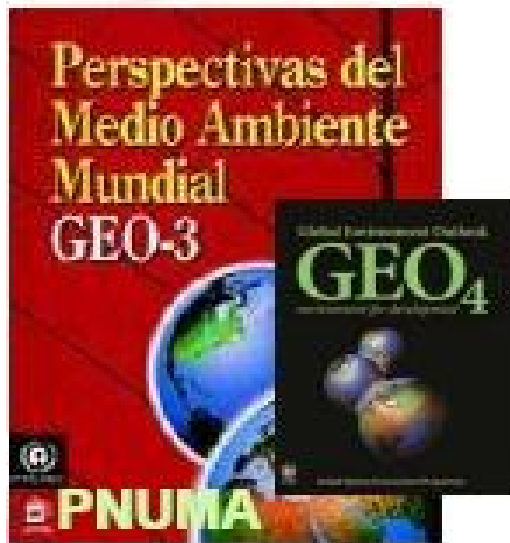
I les posteriors conferències de les parts: Berlín, 1995; Kyoto, 1997; Buenos Aires, 1998; Bonn, 1999; La Haia, 2000; Bonn, 2000; Marrakech, 2001; Nova Delhi, 2002, Milà, 2003; ...

- **Copenhaguen 2009..... Paris 2015 (COP21) Marrakech 2017 (COP22)**

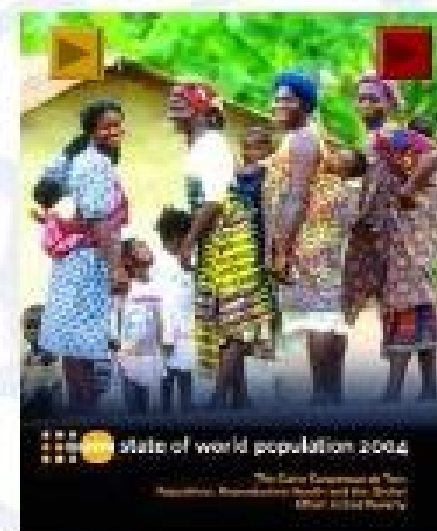
Informes IPCC



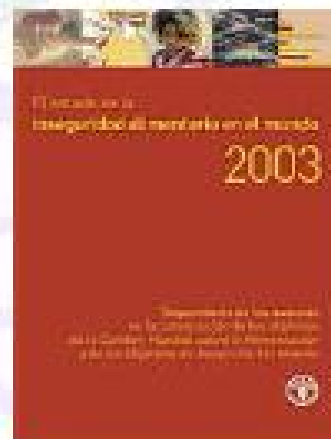
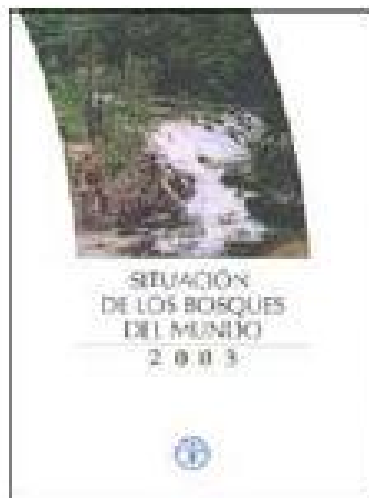
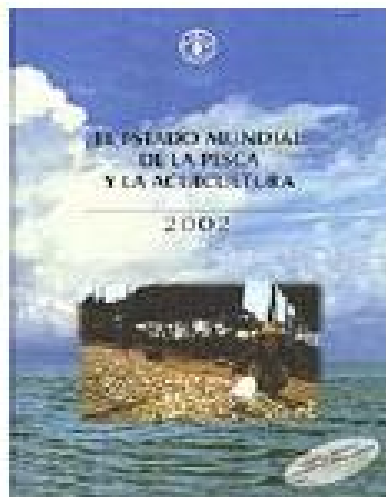




Informes de les Agències de NNUU

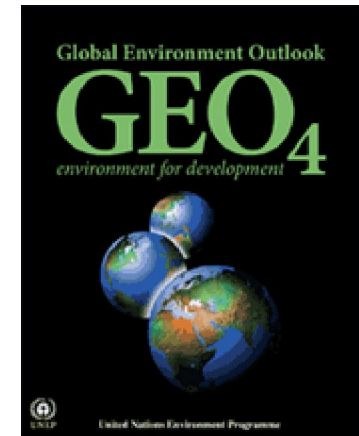
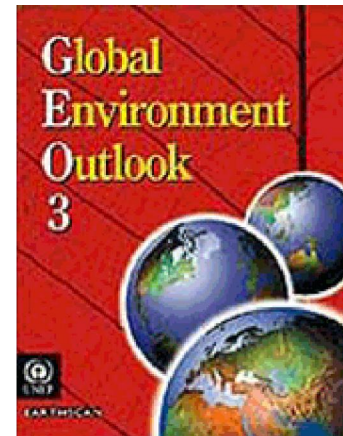
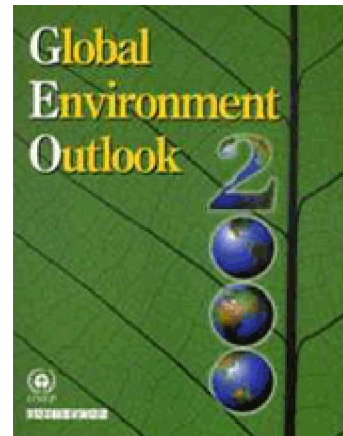
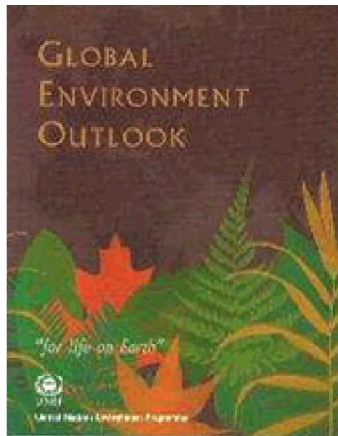


**Tots accessibles i descargables
a internet (Web FAO)**





<http://pnuma.org>

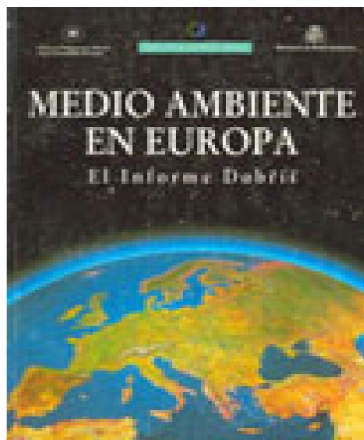


- <http://www.unep.org/geo/geo1/>
- <http://www.unep.org/geo/geo2000/>
- <http://www.unep.org/geo/geo3/>
- <http://www.unep.org/geo/geo4/>



European Environment Agency

<http://www.eea.eu.int/>



El Medio Ambiente en Europa. Informe Dobris (1995)

Señales ambientales 2002



Observatorio de la Sostenibilidad en España

<http://www.sostenibilidad-es.org>

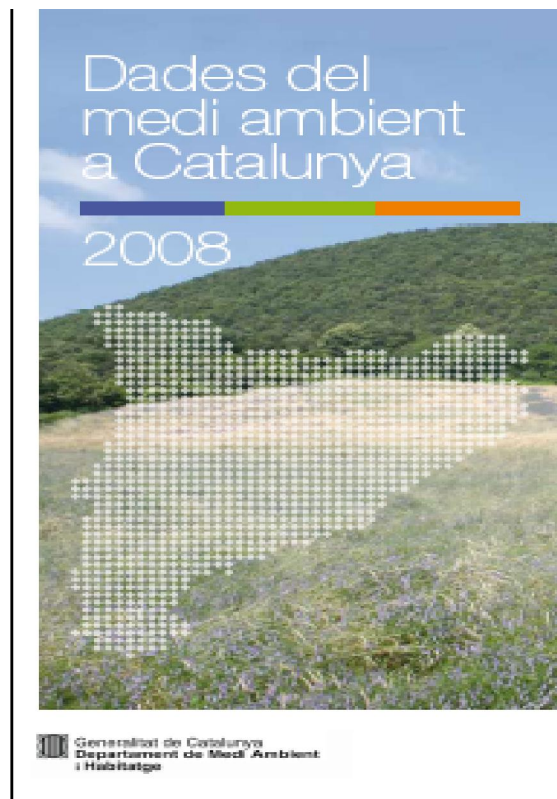
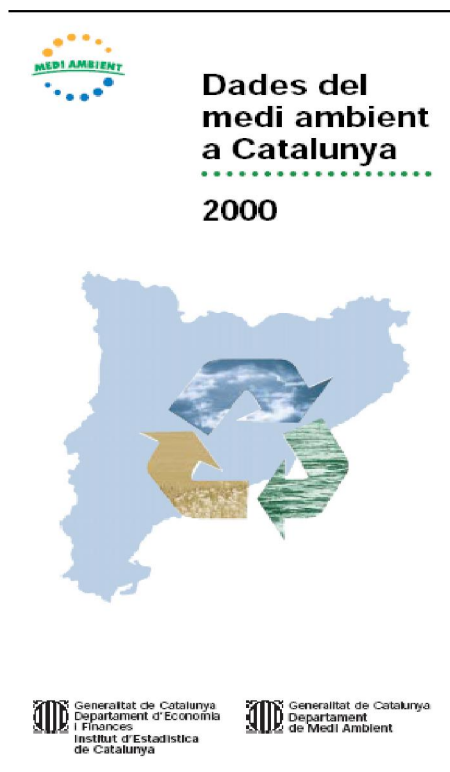




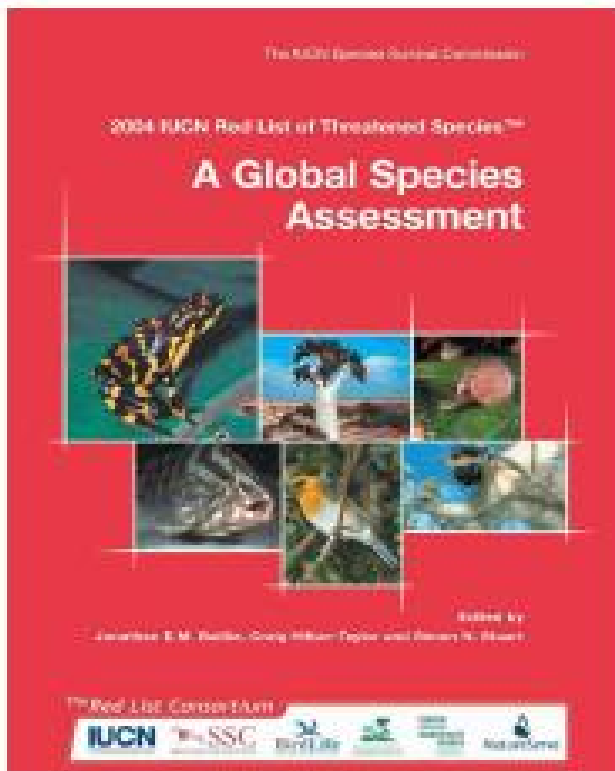


Generalitat de Catalunya
 Departament de Medi Ambient
 i Habitatge

<http://mediambient.gencat.cat/cat/inici.jsp>



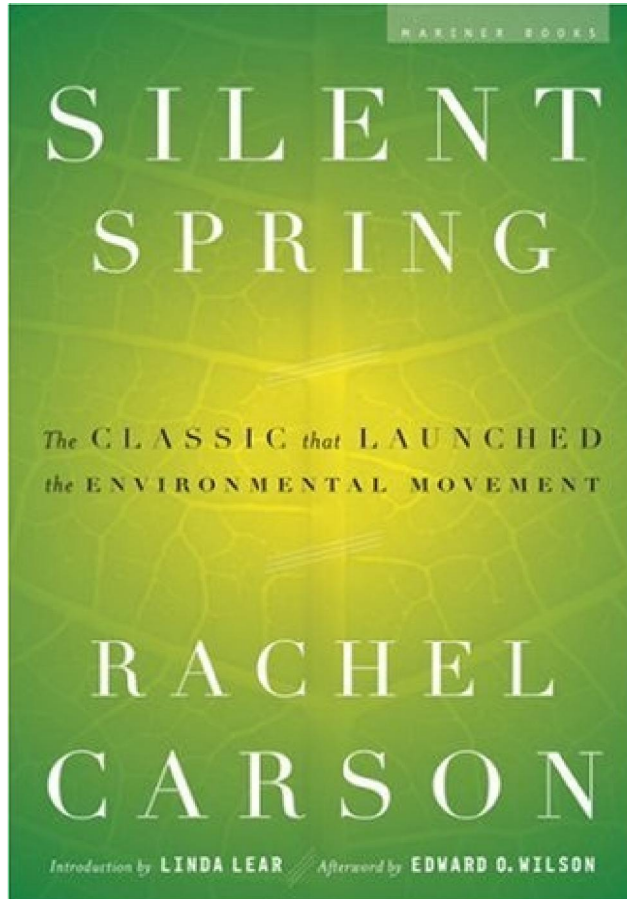
Informes ONGs



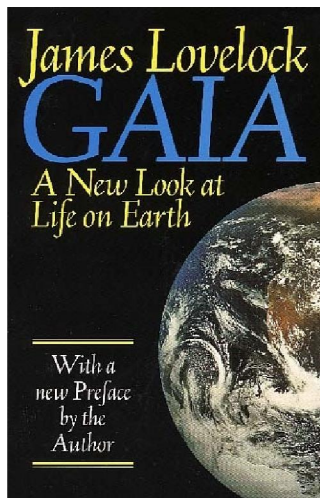
UICN
 Unión Mundial para la Naturaleza



GREENPEACE



La primavera silenciosa (1962). Rachel Carson

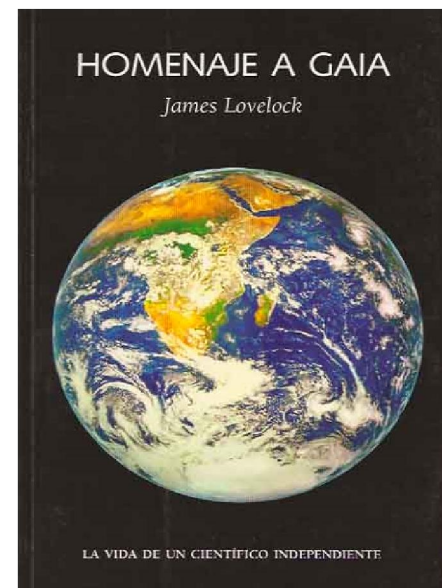
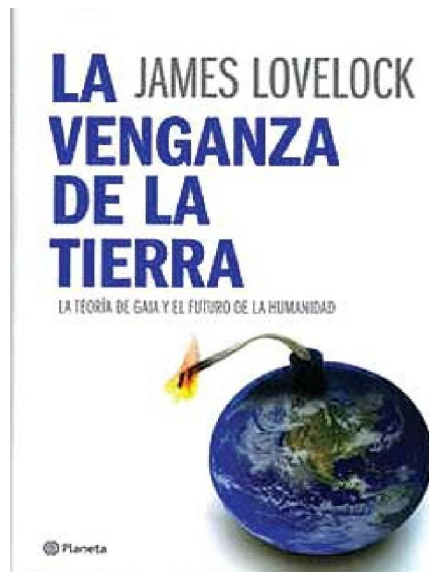


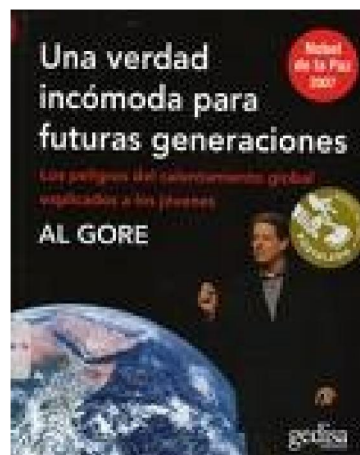
Hipòtesi Gaia (1969)

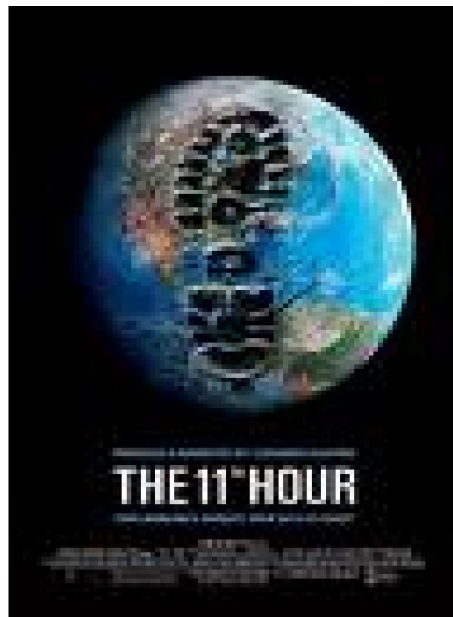
Llibre (1979)

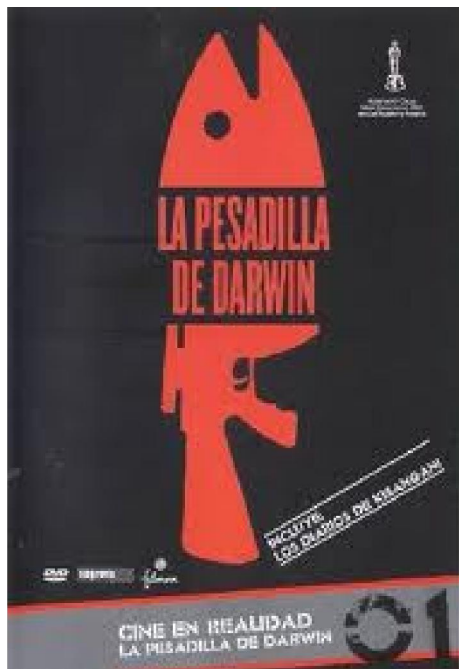


James Lovelock

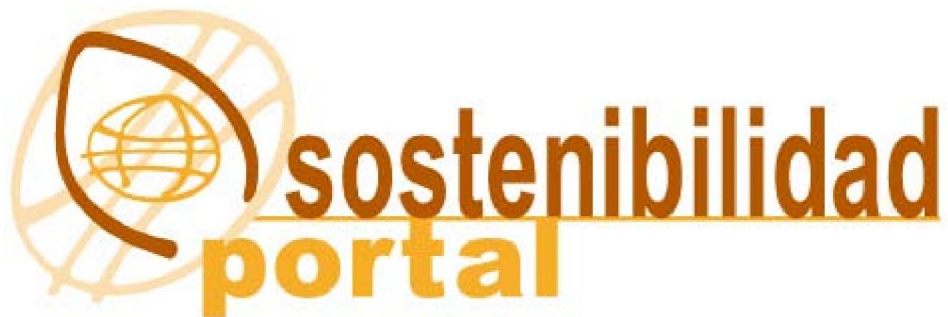












<http://portalsostenibilidad.upc.edu/>



<http://tecnologiaisostenibilitat.cus.upc.edu>