

Three New Reports from ETC Group

Monitoring power, tracking technology & strengthening diversity



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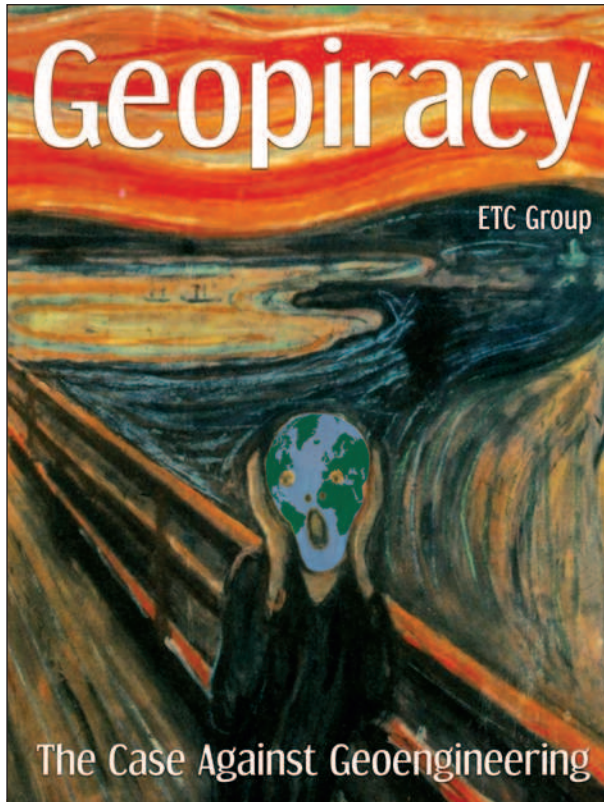
The New Biomasters: Synthetic Biology and the Next Assault on Biodiversity and Livelihoods

...analyzes the emerging shift from a fossil fuel-based economy to a so-called green economy. While presented as a move toward sustainability, the emerging global bioeconomy is, in fact, a massive industrial grab on natural resources. *The New Biomasters* examines the technological, social and environmental risks of industrial, biomass-based production, focusing on synthetic biology ("extreme genetic engineering") as the key enabling technology. The report documents how the world's biggest energy, chemical, forestry and agribusiness corporations threaten land, livelihoods, knowledge and resources of the global South, where 86% of the world's biomass is located.

The New Biomasters

Synthetic Biology and the Next Assault on Biodiversity and Livelihoods

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Geopiracy: The Case Against Geoengineering

...examines the high stakes involved in the rapidly-advancing field of geoengineering – the intentional, large-scale manipulation of the Earth's climate systems by artificially changing oceans, soils and the atmosphere. Geoengineering techniques include stratospheric aerosols, cloud whitening, ocean fertilization and biochar. More than a set of climate-altering technologies, however, geoengineering is a political strategy aimed at letting industrialized countries off the hook for their climate debt. The report provides an overview of geoengineering's history, technologies and major players, which will help civil society organizations navigate the coming global debates over the science and politics of climate-change techno-fixes.

The Big Downturn? Nanogeopolitics

...explores nanotechnology's geopolitical landscape and provides a snapshot of current global investment, governance and control, including intellectual property. The report also assesses the impact of current nanosafety-science on governance. It concludes that even though the market is soft and the nano-industry is increasingly nervous about its health and environmental exposure, the world's governments have invested too much to retreat from the tiny technology they've claimed will help end the recession, rescue the climate and resolve Peak Oil – not to mention rake in trillions of dollars in revenue.

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