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Nota di contenuto	<p>Part 1 Introduction -- Aiming for fairer societies -- Microlending and maximum debt -- An economy based on precarious employment -- The missing proportion of women -- Governance and corruption seen from the bottom -- Developing public education in the cities -- The multilingualism textbook -- Questioning the development process -- The Mega-Chad network -- Securing the peasants' land rights -- Local cultures -- The evolutionary history of mankind -- Migration in 3-D -- A world of encampments -- African forms of Christianity in Morocco -- Invisible health trajectories -- Migratory links -- Displaced minorities -- Yes to triple therapy in Africa -- Being born without HIV -- Replaying and changing the scene -- A sugar paste to combat hunger -- Preventing the effects of malnutrition -- Combating deficiencies -- Preventing obesity in the Maghreb -- Part 2 Introduction -- Hazards, risks and vulnerabilities -- Niakhar: sentinel area since 1962 -- Genealogy of Plasmodium -- The mosquito net revolution -- Preventing malaria intermittently -- Protecting pregnant women from malaria -- Reconstructing the history of HIV -- The battle against Ebola -- Ebola: a predetermined ending? -- Humanising biosecurity measures -- The OCP programme, or how to eradicate "river blindness" -- The effect of insecticides on the environment -- Testing before treating -- Lights out for the tsetse fly? -- Pioneers in the Zika virus -- Developing mosquito factories -- Vaccinating dogs to save humans -- Detecting drug-resistant tuberculosis -- Climate-related epidemics -- Closely monitored glaciers -- Watching out for our water -- Heat wave</p>

warning in Africa -- Assessing seismic risks -- Long-lasting eruptions -- Mapping resources to manage priorities -- Sounding out the hidden side of earthquakes -- Using data to improve road safety -- Record levels of plastic pollution in fresh water -- Tracesense, measuring traces of pollution -- Mesotoga: bacteria found in polluted environments -- Catching cyanobacteria red-handed -- Part 3 Introduction -- Sustainable agriculture and food security -- Sequestering carbon in soil -- Erosion in the shade of trees -- Plant symbiosis -- Macrofauna, macro-effect -- Correcting the pH of soil -- Small dams, major effects -- Water in African soil -- Measuring water -- Khetaras: living vestiges -- Trees: the backbone of agriculture -- Land: a scientific tool for development -- The Amazon forest hiding behind felled trees -- Optimising agricultural knowledge -- From IPCC to operational status -- First mapping of rice yellow mottle virus -- Cassava and its bacteria legacy -- Unwitting pests -- Fields under thermal surveillance -- Raising policy-makers' awareness of bio-invasions -- Sexing to develop date palms -- Turning green waste into gold -- Moving towards sustainable aquaculture -- Controlling reproduction -- Tropical tuna under surveillance -- Moving towards more sustainable baits -- Adaptive fishing in Peru -- Part 4 Introduction -- Ecosystem dynamics and biodiversity conservation -- Crackdown on El Nino -- Exploring tropical oceans: the Pirata programme -- Modelling upwelling -- Critical zone observatories -- From local hydrology to global climate -- The paradoxes of the Sahel -- Flooding caused by downpours -- Small catchments, great results -- Gauging rivers from space -- Exploring South America's past climate -- A sea of fresh water -- Soils in all their forms -- Sand, dust and wind -- Cataloguing the French Guiana forest -- Pastures and humans drip-fed by glaciers -- The proportion of birds -- Discovery of "super coral" in New Caledonia -- Part 5 Introduction -- Open science and shared knowledge -- Supporting teams of scientists -- Mosquitoes, viruses and globalisation -- Supporting the creation of clinical research centres in Africa -- Training health supervisors -- "Boundless" modelling -- Home-made GIS -- Public data on West African fisheries -- Mapping out regulations -- Rice as a common good -- Custodians of agricultural diversity -- The French Guiana forest in a herbarium -- A botanist in my smartphone -- At the cutting edge of ethnopharmacology -- Participative archaeology in the Marquesas Islands -- Discovering a new civilisation -- Anthology of atlases -- Virtual education -- Science as a tool for citizens -- Knowledge and images accessible to everyone -- List of scientific contributors.

Sommario/riassunto

Up until the 1980s, Africa was plagued by a scourge which is now almost forgotten: onchocerciasis or "river blindness", a blinding disease which devastated rural societies and transformed fertile soils into no man's land.
