Environmental Resource Management

GeoVille

THE WORLD BANK

1 NO POVERTY

15 LIFE ON LAND

- **Users:** Multilateral Development Banks, Public authorities (natural resource management, ecosystem assessment, nature protection and conservation)
- **Challenge:** Objective data information supporting natural resource protection and management: Equal rights to Ownership, Basic Services, Technology and Economic Resources and End Deforestation and Restore Degraded Forests.
- **Initiative:** Ecosystem change and condition mapping for evaluation, assessment and protection of natural resources
- **Results:** Monitoring of loss of undisturbed natural ecosystems as well as forest & water resource use for timber/agricultural production; conversion of natural vegetation to commercial plantations
- **Service provider:** GeoVille
- **References:** ESA/World Bank project for Ecosystem Monitoring and Assessment Services (cooperation: WWF, Conservation International, IUCN, UNEP, etc.)

© EO providing information on ecosystems and their services: Monitoring forest loss from small scale agriculture Brazil; Water abstraction for industrial usage in Peru; processing by GeoVille

Target 1.4: By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance.

Target 15.2: By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally.
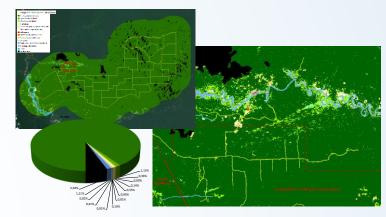
Amazonas
Natural capital assessment

CONSERVATION INTERNATIONAL

Water Use (m³/year)								
Total	Consumptive				Non-consumptive			
	Agriculture*	Industry	Public sector	Mining	Energy	Aquaculture	Recreation	
319,054,316	138,454,844	310,629	11,755,701	0	167,140,600	1,345,238	47,304	
79,178,470	60,533,746	133,162	13,534,767	0	0	4,929,621	47,174	
245,029,851	234,407,271	0	10,401,828	0	0	220,752	0	
643,262,637	433,395,861	443,791	35,692,296	0	167,140,600	6,495,611	94,478	

Ecosystem Values Assessment & Accounting (EVA) incorporating natural capital into decision making consistent with the SEEA.

Produced by GeoVille for Conservation International under ESA contract

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EARSC
European Association of Remote Sensing Companies

LandMonitoring.Earth

http://landmonitoring.earth/portal