

ATHENA GLOBAL EARTH OBSERVATION GUIDE 2005

A decision maker's guide to the use of satellites
for the environment, resources, disasters and security



ADDRESSING GLOBAL ISSUES

Space assets, particularly Earth observation satellites, are an increasingly important resource for addressing major world problems. These satellites are used to understand the global environment and monitor its changes. They enable sustainable management of resources, including water, agriculture, fisheries, forests and energy. They improve human security in the event of disasters. Increasingly, integrated satellite Earth observations are supporting sustainable human practices at a local, regional, and global scale.

The first edition of the Athena Global Earth Observation Guide provides, in one document, a comprehensive review of how Earth observation satellites serve civil and commercial needs around the world relating to the environment, resources, disasters and other security issues. With over 240 pages of illustrated text, its synoptic vision and clear analysis of emerging trends and opportunities provide a ready reference for informed decision making.

ENVIRONMENT	RESOURCES	DISASTERS & SECURITY
<ul style="list-style-type: none"> • Large Earth systems and global change 	<ul style="list-style-type: none"> • Agriculture 	<ul style="list-style-type: none"> • Mitigation
<ul style="list-style-type: none"> • Biodiversity 	<ul style="list-style-type: none"> • Forestry 	<ul style="list-style-type: none"> • Warning
<ul style="list-style-type: none"> • Human health 	<ul style="list-style-type: none"> • Oceans 	<ul style="list-style-type: none"> • Response
<ul style="list-style-type: none"> • Environmental assessment and management 	<ul style="list-style-type: none"> • Energy and minerals 	<ul style="list-style-type: none"> • Recovery and assessment
<ul style="list-style-type: none"> • Environmental equity 	<ul style="list-style-type: none"> • Urban land and infrastructure 	<ul style="list-style-type: none"> • Other security issues 

A guide for decision makers:

- politicians and their policy advisors
- senior public servants
- resource company executives
- directors from international organizations
- managers from environmental NGOs
- senior officials responsible for disaster management
- space agency executives and planners
- media executives

Global overview and global trends:

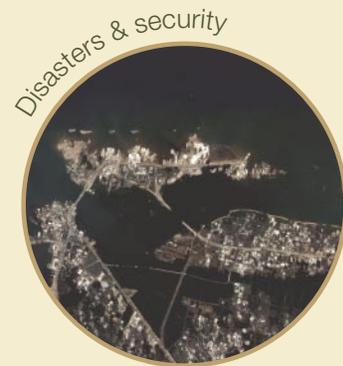
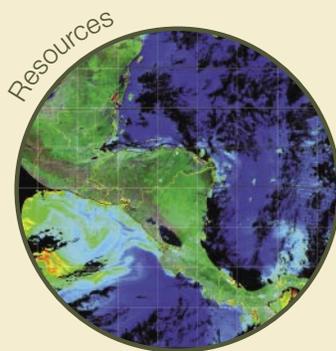
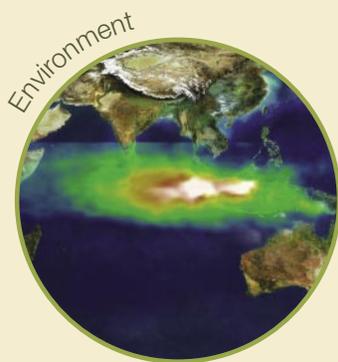
- high-level analysis of the global issues facing Earth observation users
- technology, service and data access trends critical to planning investment and managing priorities
- strategic overview of key players
- summary of impacts on decision makers
- table of current satellite missions
- list of planned missions for the coming decade
- map of main global receiving stations

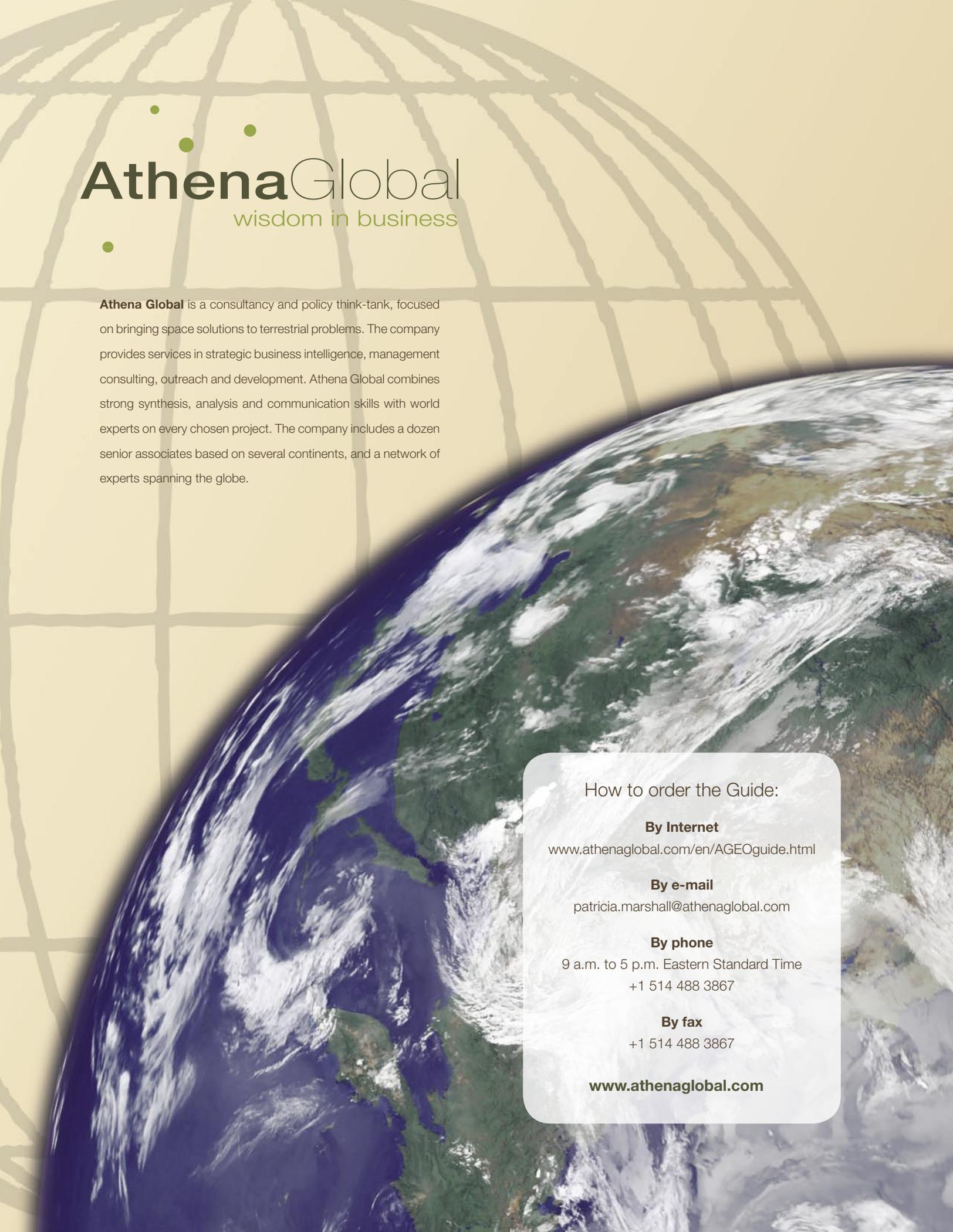
Earth observation technologies:

- clear, simple explanations of how Earth observation satellites work and the type of information they provide

Theme papers:

- defining the key issues facing environment, resource and disaster managers
- explaining the range of ways in which satellite data and related services facilitate decision making and resource allocation





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Athena Global is a consultancy and policy think-tank, focused on bringing space solutions to terrestrial problems. The company provides services in strategic business intelligence, management consulting, outreach and development. Athena Global combines strong synthesis, analysis and communication skills with world experts on every chosen project. The company includes a dozen senior associates based on several continents, and a network of experts spanning the globe.

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