

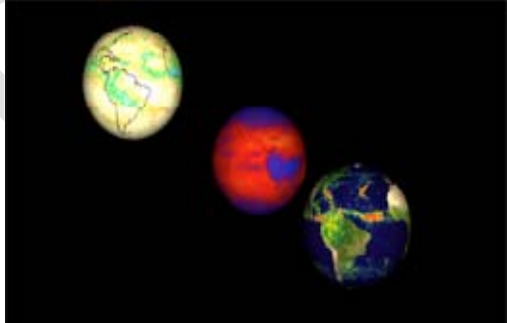







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| Time | Script | Image discription | Image |
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| | <p>The quality of our environment....</p> | <p>City with Haze</p> |  |
| | <p>has a major impact on the quality of our health.</p> | <p>People with face masks(NEED RIGHTS) or similar image</p> |  |
| | <p>Increasingly, science is revealing just how tightly the two are linked.</p> | <p>Not sure if we go scientist or a visualization of sat data</p> |  |
| | <p>The good news is that, more and more -- no matter where you live --</p> | <p>Images of diff cities and rural scences</p> |  |

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| | <p>such environmental risks to public health</p> | <p>Fire shot</p> |  |
| | <p>can be better monitored, assessed, reduced, and even prevented when earth observation data and other vital information about our planet are factored into health decisions.</p> | <p>Data changing on globe rapidly</p> |  |
| | <p>Having the right information,</p> | <p>critical Data Vis</p> |  |
| | <p>at the right time, and in the right format can make a life-saving difference</p> | <p>data on computer screen or person in field with PDA</p> |  |

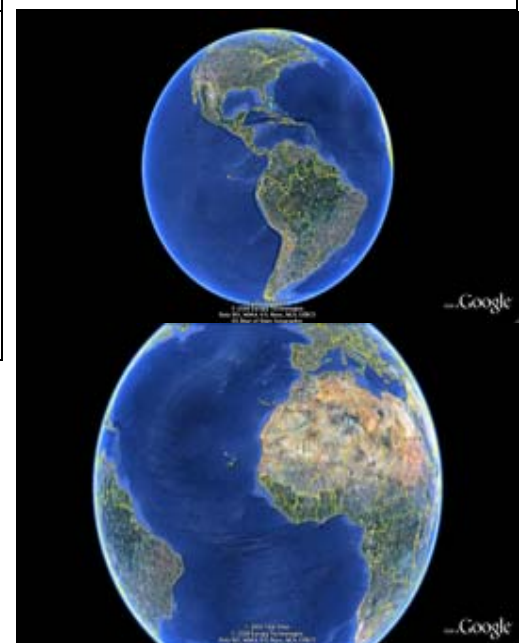
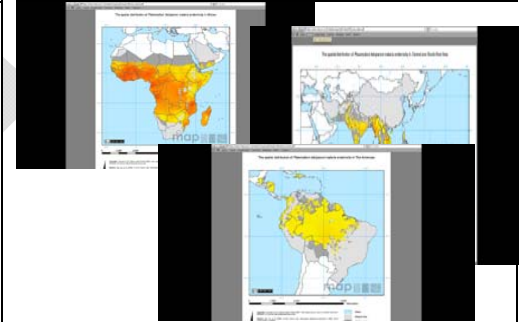
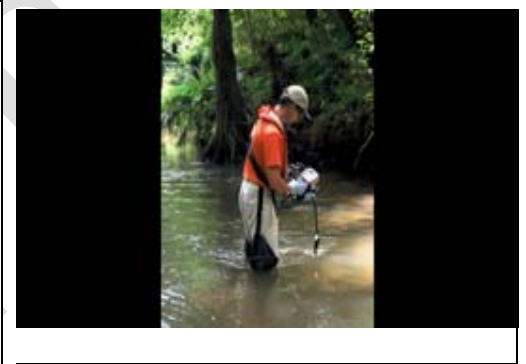
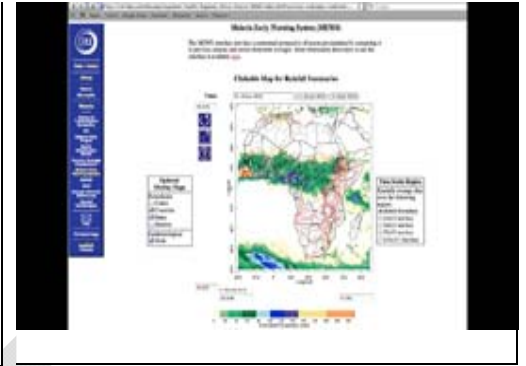
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| | <p>The aim of GEOSS, the Global Earth Observation System of Systems, is to make sure you have this information when and how you need it</p> | <p>data on computer screen or person in field with PDA GEOSS LOGO</p> | <p>G3</p> |
| | | <p>Child in sick bed(NEED RIGHTS) Captions (About one million people die of malaria every year. Malaria kills one African child every 30 seconds).</p> |  |
| | <p>Through GEOSS, the United States,</p> | <p>Highlight US</p> |  |
| | <p>France,</p> | <p>High light France</p> |  |




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| | and Thailand | Highlight Thailand |  |
| | are working with Africa, | Highlight Africa |  |
| | Asia and | Highlight Asia |  |
| | South America. | Highlight South America |  |
| | to develop a Malaria Early Warning System. | Web page? Or viz with web going across Africa |  |

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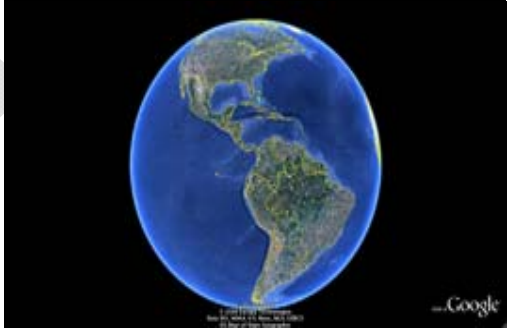

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| | <p>They're combining climate, moisture and other satellite data with</p> | <p>Sat data of precipitation</p> |
| | <p>on-the-ground observations.</p> | <p>Person in the field(NEED RIGHTS)image from USGS</p> |
| | <p>This international collaboration will deliver critically-needed risk maps showing where outbreaks are likely to occur, an advance that will help communities get in front of this devastating, yet preventable disease.</p> | <p>Web site shots</p> |
| | <p>Early meningitis warnings will help 300</p> | <p>Zoom into Africa Caption (300 million people at-risk in 21 African countries)</p> |



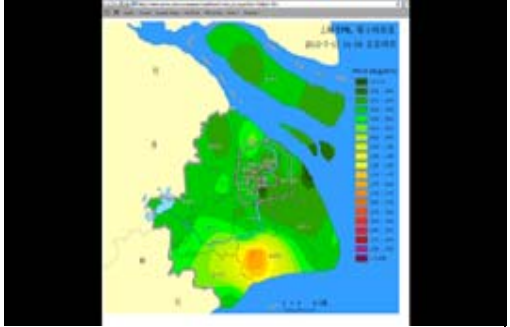




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| | <p>million people at- risk in 21 sub-Saharan</p> | <p>Zoom into Africa</p> | <p>E2</p> |
| | <p>African countries.</p> | <p>Zoom into Africa</p> |  A satellite-style image of the African continent, showing the continent's outline and major geographical features like the Nile river and the Sahara desert. The image is labeled with 'Google' in the bottom right corner. |
| | <p>Because meningitis epidemics occur during winter, when it's dry and dusty,</p> | <p>Modis dust of Africa</p> |  A satellite-style image showing a large, dark, swirling cloud of dust or smoke over the African continent. The cloud is labeled 'Cape Verde' and 'Senegal' in the bottom left and right respectively. |
| | <p>GEOSS teams are linking dust and dry season forecasts to disease outbreaks.</p> | <p>Africa with animate Meningitis belt outline or transparent shape</p> |  A satellite-style image of the African continent with a red, semi-transparent shape overlaid on it, representing the Meningitis belt. The shape covers a large portion of the continent, from the Atlantic coast to the east. The image is labeled with 'Google' in the bottom right corner. |


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| <p>Sand and dust storm warnings and meningitis environmental risk technologies promise early intervention, including vaccine programs, required to save lives and deter the brain damage, deafness, and loss of limbs feared with meningitis.</p> | <p>person in bed</p> |  |
| <p>Air pollution worsens respiratory and cardio-vascular diseases. Over the long-term, air pollution can lead to lung cancer and permanent heart and lung damage.</p> | <p>Close-up of US city begin pull out. Switch to NO2 data</p> |  |
| <p>Ground-based AIRNow monitoring networks provide real-time air quality forecasts across the United States for ozone and other pollutants.</p> | <p>AIRNow sites in US, Start move to China and push in</p> |  |
| <p>In spring 2010, AIRNow made its international debut in Shanghai.</p> | <p>Stop at Shanghai</p> |  |





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| | <p>Now, more cities and countries want to bring these real-time health forecasts to their communities</p> | <p>Shangi AIRNow site image animation</p> |  |
| | <p>GEOSS significantly leverages the work of thousands of individual earth observations, yielding a more comprehensive picture of our planet's complex dynamics than any single resource can provide.</p> | <p>animation of Web portal around planet</p> |  |
| | <p>It works like nature does, not just in the atmosphere...</p> | <p>Clouds actual vs data</p> |  |
| | <p>or on land...</p> | <p>land actual vs data</p> |  |
| | <p>in sea...</p> | <p>Ocean actual vs data</p> |  |








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| | | | H3 |
| | or in space, but as a system of systems. | Sat orbiting Earth | H4 |
| | but as a system of systems. | web portal | |
| | GEOSS is being developed by the Group on Earth Observations, or GEO, a collaboration of over 80 countries, the European Commission, and nearly 60 global organizations. | Spinning Planet with highlighted countries | I1 |
| | The priority is to help | Web portals |  |

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| <p>ensure that local, regional, and international</p> | <p>Country Flags</p> |  |
| <p>decision-makers</p> | <p>Doctors (NEED RIGHTS)</p> |  |
| <p>have the information essential to making wise health choices.</p> | <p>People around a table (NEED RIGHTS)</p> |  |
| <p>The pay-off is enormous. Earth observations can keep a health concern from becoming a health crisis.</p> | <p>(NEED RIGHTS)</p> |  |

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| | <p>They can help communities emerge from the ravages of chronic and epidemic diseases, bringing new hope and health for this and future generations.</p> | <p>Drought map</p> |  |
| | <p>Through GEOSS, political leaders, public health leadership, and other decision-makers</p> | <p>leaders shot at plenary session (NEED RIGHTS)</p> |  |
| | <p>are already a paramount force in stimulating healthier populations and a more productive way of life.</p> | <p>population walking on street (NEED RIGHTS)</p> |  |
| | <p>But people around the globe, especially millions of vulnerable children, still need your voice, your influence and your determination. They need you to help shape a healthier world.</p> | <p>Shot of children (NEED RIGHTS)</p> |  |
| | <p>Bring your ideas -- and your dedication --to the table!</p> | <p>(Team photo or Blue Marble) fade to GEOSS logo bring up "Learn more at www.earthobservations.org." under logo</p> |  |

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