

ECOSYSTEM SERVICES

CYBER SCIENCE CAMP

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WHAT DOES ECOSYSTEM SERVICE MEAN?

- This is simply a term for the many processes and natural materials provided by intact groups of communities inside an ecosystem.
- 4 Main Categories of Services:
 - Providing Provisions
 - Providing Regulations
 - Providing Support
 - Providing Culture

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PROVISIONING SERVICES

- Food
 - Cultivated crops
 - Wild harvested fruits, berries, whole plants, seeds
 - Spices
 - Wild animals on land & in the rivers, lakes, & streams
- Water
- Shelter
 - Timber
 - Fiber
- Pharmaceuticals
- Energy (biomass fuels, hydropower)

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REGULATORY SERVICES

- Carbon storage
- Waste decomposition & detoxification
- Purifying air & water
- Pollination
- Pest & disease control
- Seed dispersal

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SUPPORTING SERVICES

- Nutrient cycling
- Soil formation
- Plant biomass (primary production)
- Photosynthesis

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CULTURAL SERVICES

- Inspiration for cultural, intellectual, or spiritual purposes
- Recreation & ecotourism
- Scientific discovery

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