

How sustainable is an activity? An Ecological framework.



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4. Do it yourself
5. Is the theory applicable to societies?
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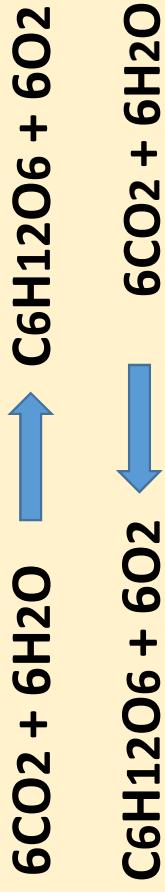
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Touching the society, managers, and decision makers

Does your agency reduce **carbon footprint** and help **biodiversity**?

Sure! We believe in **sustainable development** and tourism for enhancing profits and welfare.

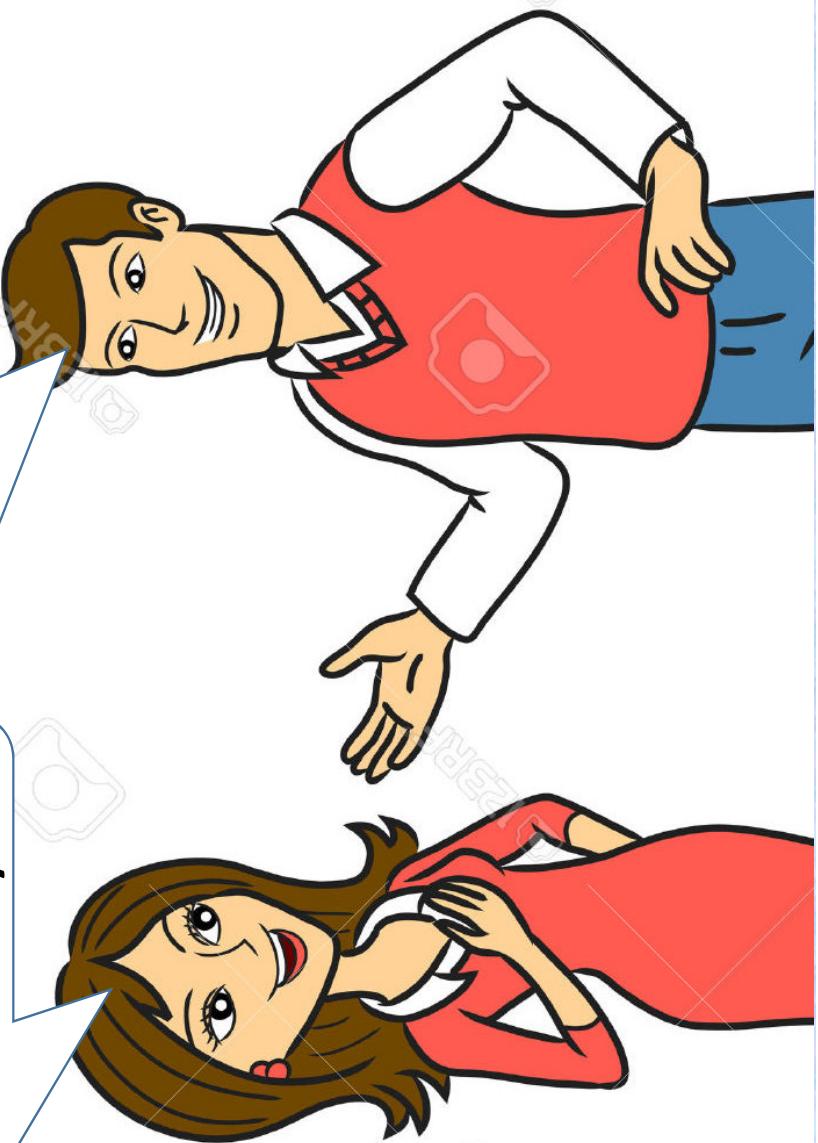
Fotosintesis and Respiration



Fisher's, and G-P&Cajas Biodiv.

$$S = \alpha \ln(1+N/\alpha)$$

$$S = (\text{ME} - \text{MP}) / dt$$



At the end of this class, you should be able to:

1. Recognize the organization levels of life
2. Explain why such organization levels are important for comprehensively understand and sustainably use Nature
3. Use the organization levels as a framework to critically assess how sustainable a human activity like Tourism is.

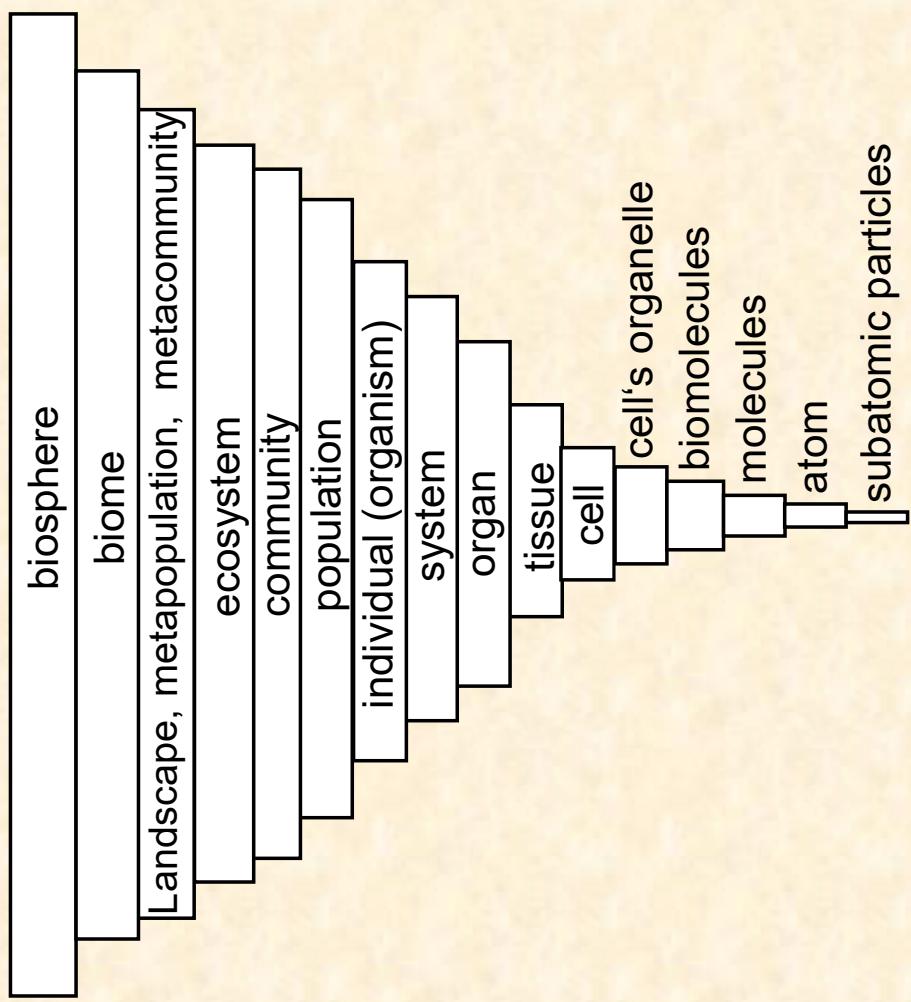
References

1. Garrido-Pérez, E.I., Sidali, K.L., Rizzo, L.S., and Andrade, L.D. 2017. *Agroforestry systems and geographical indications as hints for a better administration of natural and cultural capitals.* In Paracchini, M.L. and Zingari, P.P. (Eds.). *Reconnecting natural and cultural capital. Contributions from science and policy.* Publications Office of the European Union. ([ASK KATIA SIDALI](#)).
2. Garrido-Pérez, E.I. and Sidali, K.L. 2016. Los niveles de organización ecológica: una guía para administrar los recursos naturales y culturales). *Investigación y Pensamiento Crítico* 4(2): 95-114. ([JUST GOOGLE IT](#)).

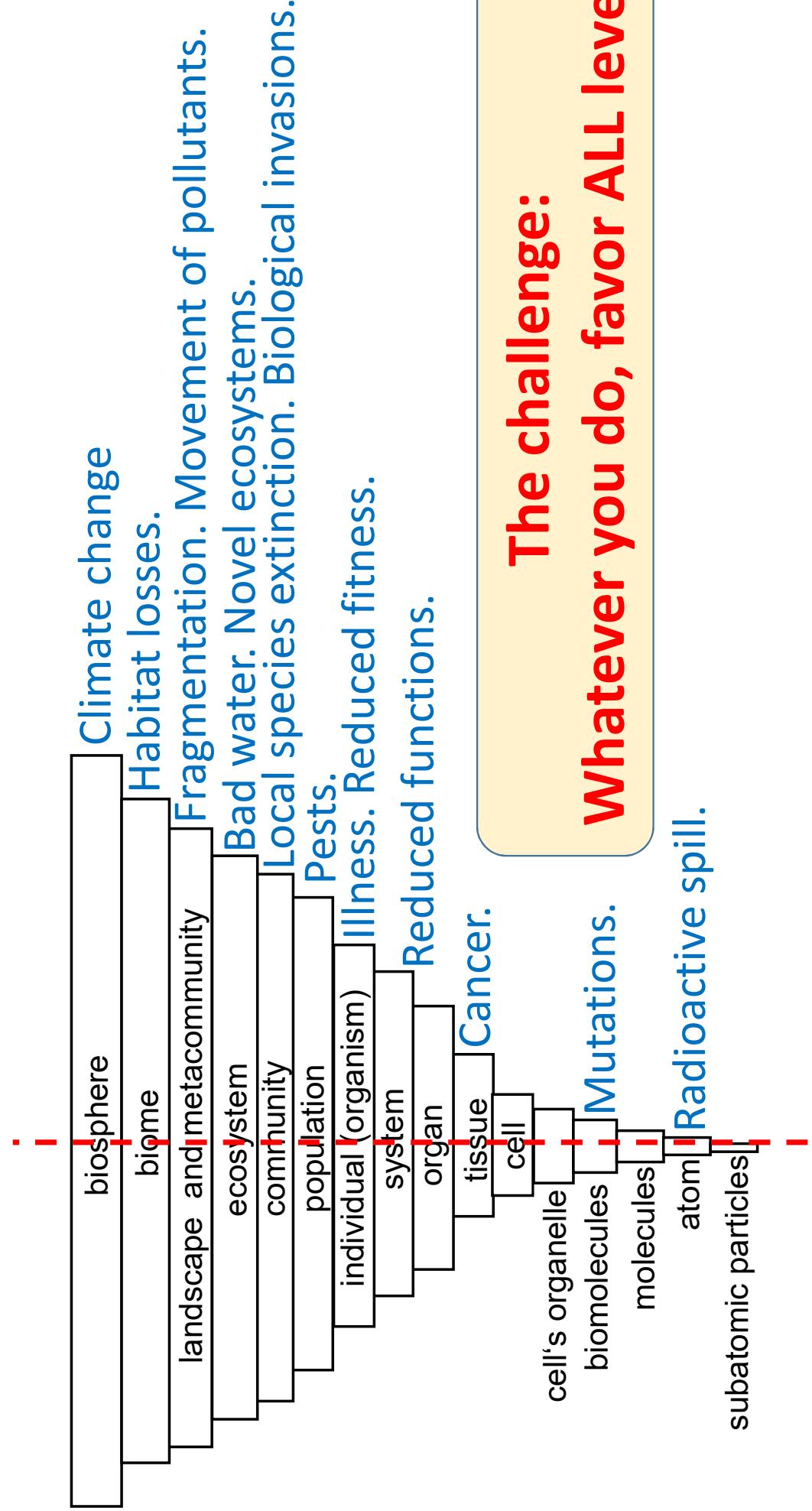
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Hierarchies exist and facilitate a holistic understanding of complex processes.



Understanding, avoiding, and facing some world's problems



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Form 4 groups, and discuss the following cases. Then write your answers in one sheet of paper. Please give holistic answers helped by our pyramid.

Group 1. A hotel in the Amazon offers tours to visit large soja monocultures. Write the effects of both monocultures and hotel on the environment, from individuals to the Biosphere.

Group 2. An Italian city receives tens of thousands of tourists every Sunday. Tourists historical center is nice, but beyond that area people have: too many dogs, no-green places, and narrow streets intensively transited by cars producing smog. How do you convincingly explain the problem to the major and the citizens?

Group 3. An old farmer tells you: “Tell me the truth: DO YOU BELIEVE IN BIO AND ORGANICS?” How do you convince the farmer to become organic?

Group 4. Come with me for telling you a secret...

**YOU HAVE
9,5MINUTES.**

Share and exchange

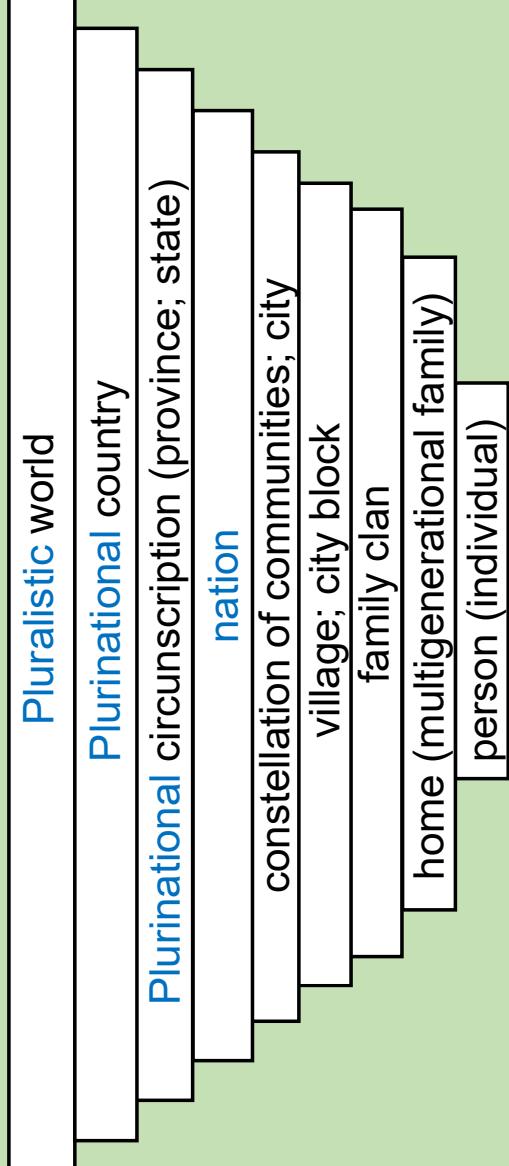
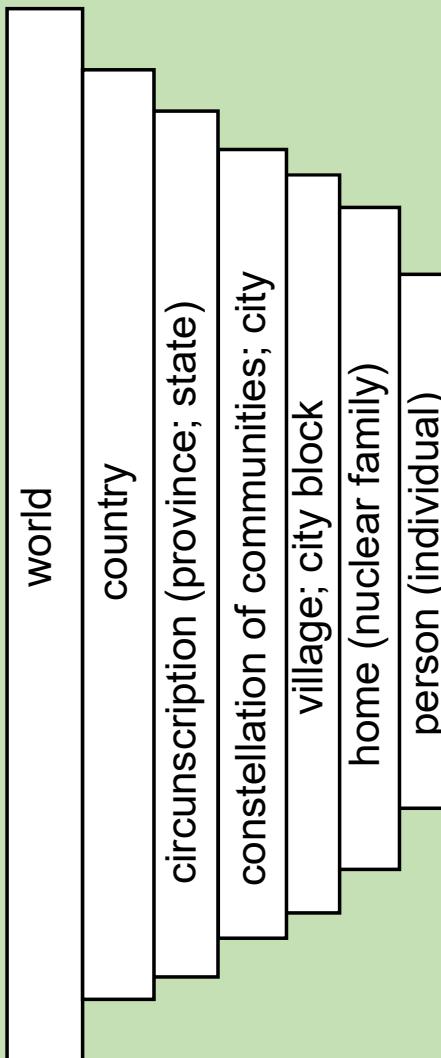
- Share and explain your answer to the rest of the class.
- Do it in 3 minutes + 3 minutes for questions.
- Group 4: make a recapitulation and conclusions.
- Don't worry: if time is too short, you can have a coffee together after this class!



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Two points of view



Did we fulfill our goals?

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THANKS A LOT!!

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