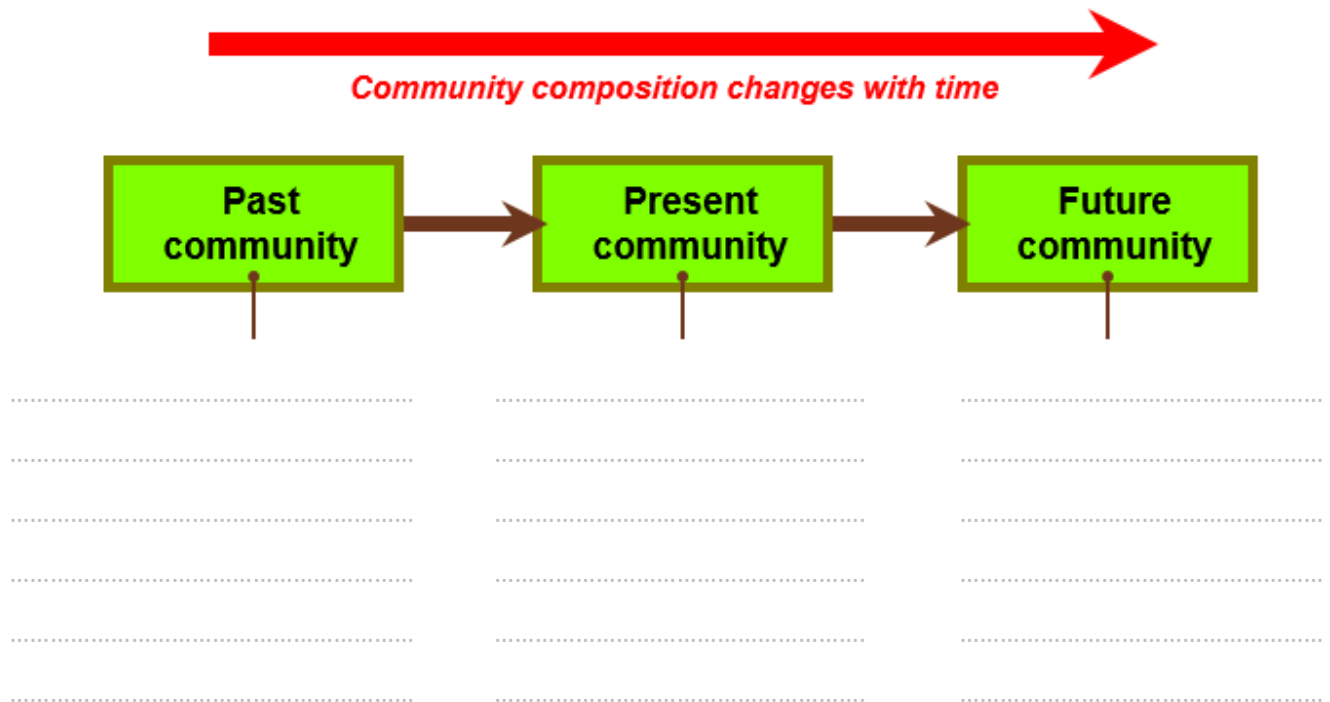


## Medium term environmental change

### Ecological Succession

**Ecological succession** is the process by which communities in a particular area change over time. Succession takes place as a result of complex interactions of **biotic** and **abiotic** factors.



A succession (or **sere**) proceeds in **seral stages**, until the formation of a **climax community**, which is stable until further disturbance.

Early successional (or **pioneer**) communities are characterized by:

- .....
- .....
- .....

In contrast to early successional communities, climax communities typically show:

- .....
- .....
- .....

- the effects of environmental changes on Earth's systems that relate to the survival of living things, including a focus on at least one example from each of the following time scales Text Chapter 12 & 13
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## Primary Succession

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## Secondary Succession

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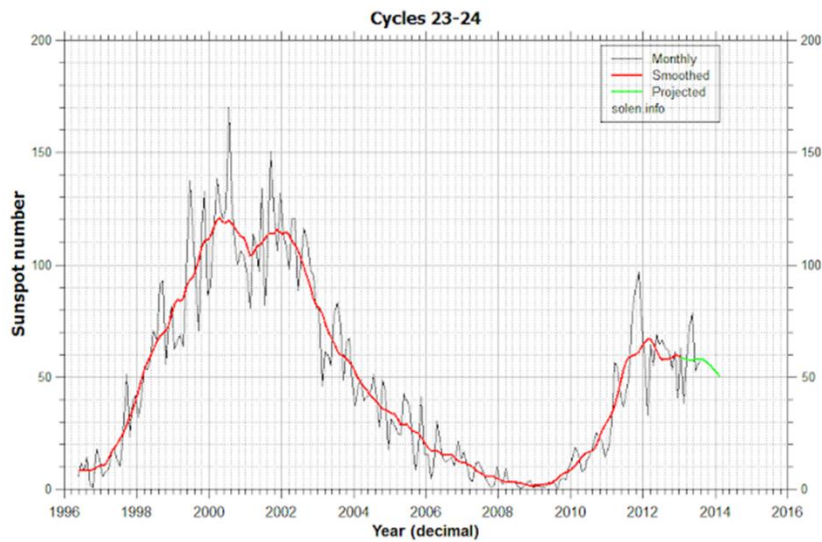
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## Sun spot cycles

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There is some debate amongst scientists if and how the Solar Cycle might impact on the Earth's weather and climate.