

Define / Biologize

The following exercise will help you practice forming a design question and biologizing it. For each of the problems stated below create a design question, identify the essential function(s) and context, and re-state it as a "How does nature...?" question.

Design Question	Function(s)	Context(s)	How does nature....?
It is difficult for drivers to see cyclists on the road at night.			
How might we... make urban cyclists more visible to drivers at night?	enhance visibility; produce light; reflect light; sense/send signals	dark, low light; chaotic/busy environment; moving quickly	...enhance visibility in low light environments? ...sense movement in the dark?
Stormwater runoff from the street is flooding nearby streams and contaminating them with pollutants.			
How might we...			
Hospitals use toxic chemicals to disinfect furnishings and equipment.			
How might we...			
Desertification is a major cause of hunger worldwide.			
How might we...			