

## Mitigation vs Adaptation: Worksheet

*Either-Or: Read the following sentences and decide whether the climate strategy being discussed qualifies more as mitigation or adaptation. Label each one with either an "M" for mitigation or "A" for adaptation. Be sure to provide a brief explanation of your reasoning.*

1. Many countries, like France, Ireland, and Germany, have decided to outlaw the oil and natural gas extraction practice of fracking.
2. Experts suggest that neighbors share contact information and come up with a natural disaster plan in case of emergencies.
3. The Danish island of Samsø gets its electricity from community-owned wind turbines.
4. In Tulsa, Oklahoma, development in floodplains is illegal.
5. At the Chicago Botanic Gardens's website, you can find instructions on how to build a rain garden that captures stormwater.
6. Many home improvement stores have workshops on how to swap household lightbulbs with LED ones.
7. Local pharmacies are stocking up on allergy medication and inhaler refills.

## Mitigation vs Adaptation: Worksheet Answer Key

1. Mitigation - Fracking is directly contributing to water and air pollution, as well as soil degradation, so banning the practice bans a contributor to climate change.
2. Adaptation - Natural disasters are a consequence of climate change and a preparation won't directly solve the issue ([but it can help people stay safe!](#)).
3. Mitigation - [Samsø's story](#) means that they don't rely on harmful fossil fuels, which are causing climate change.
4. Adaptation - [The ban on developing floodplains](#), while outlawing a harmful behavior, is negligent in reducing climate change. Rather, it helps make sure that land in Tulsa remains habitable in spite of environmental changes
5. Adaptation - [Rain gardens](#) are a great response to changing weather. Note: students could also argue these efforts count as mitigation because they help reduce water pollution and minimize erosion, but it's counted here as adaptation since it mainly deals with the consequences of climate change rather than trying to prevent it.
6. Mitigation - [Converting to LED reduces energy use](#).
7. Adaptation - [Worsening allergies and asthma are a consequence of climate change](#).