

Threats to Pollinators

- **Habitat loss: degradation & fragmentation**
 - Often from agricultural croplands and residential/commercial development
- **Decline of native plant communities**
- **Rise in non-native invasive plant species**
- **Disease, parasites, and spread of pathogens**
- **Stress due to over-worked hives**
- **Environmental contaminants**
- **Climate change**
 - Plants begin to flower at different dates; this leads to a reduction of plant diversity because plants and pollinators can't adapt fast enough.
- **Pesticide use**
 - Insecticides -Some fungicides -Herbicides
 - *Pollinators can be poisoned through floral resources (their food) and contact with chemical residues on foliage or soil.
 - *Systemic insecticides, like neonicotinoids, are most harmful because they are in the nectar and pollen.

