# Unit 301: Understanding construction practice in Wales.

# Learning Outcomes 5: Understand the relationship between trades and the environment.

**Learner Task Criteria 5.2**

This section deals with ecological considerations and principles.

Research and answer the following questions relating to this topic area. Use the links listed below to help you and any other relevant web links.

1. What current legislation and ecological considerations should be considered regarding endangered habitats when undergoing any work which may affect primary protected species and habitats e.g., nesting birds, rare plant species.
2. Consider and explain the implications for future development regarding flood plains and the effect this could have on the buildings and surrounding areas.
3. Research and explain what each of the following relate to, endangered habitats, biodiversity offsetting and primary protected species.

Suggested website links:

[The Conservation of Habitats and Species Regulations 2010 (as amended) (“Habitats Regulations”) Explained (blandy.co.uk)](https://www.blandy.co.uk/about/news-and-insights/insights/the-conservation-of-habitats-and-species-regulations-2010-as-amended-habitats-regulations-explained)

[The Mammal Society – For Evidence Based Conservation – For Evidence Based Conservation](https://www.mammal.org.uk/)

Explore the 3 links below to gain an understanding of the impact and consequences of building on flood plains.

[Floodplains and levees - River landforms - CCEA - GCSE Geography Revision - CCEA - BBC Bitesize](https://www.bbc.co.uk/bitesize/guides/zpb78mn/revision/4)

[www.fema.gov/floodplain-management/wildlife-conservation/benefits-natural#:~:text=Some%20of%20the%20benefits%20of%20floodplains%20to%20a,quality%20recreat](http://www.fema.gov/floodplain-management/wildlife-conservation/benefits-natural#:~:text=Some%20of%20the%20benefits%20of%20floodplains%20to%20a,quality%20recreat)

[Environment Agency chief: Avoid building new homes on flood plains - BBC News](https://www.bbc.co.uk/news/uk-51620992)

The 2 links below relate to having an appreciation and understanding of endangered habitats, biodiversity offsetting and primary protected species.

[Environmental Legislation: Laws that Protect UK Endangered Species | Ecology by Design](https://www.ecologybydesign.co.uk/ecology-resources/environmental-legislation-for-developers-uk)

[Endangered Species (nationalgeographic.org)](https://education.nationalgeographic.org/resource/endangered-species/)