

Environmental Science

Environmental Scientists Investigate Marion-Greenville Drilling Project

Locals are concerned about the environmental impact of drilling

by Anthony Dewitt

Specialists in **environmental science** arrived Thursday to investigate the Marion-Greenville oil drilling project. Local activists are concerned that the project is polluting the atmosphere and harming wildlife. Dr. Eileen Boren, head of the research team, aims to find out.

Locals – lokalno stanovništvo

Environmental science – nauka o zaštiti životne sredine

Drilling – bušenje

To be concerned about – brinuti se za nešto

Wildlife – divlje životinje

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“With oil drilling, there’s a high risk of **pollution**,” said Dr. Boren. “Pollutants are linked to **climate change** and overall damage to the ecosystem.” Boren’s team will examine the project’s impact on the climate and local animal communities. They also plan to investigate the use of water for the project. “The water used in drilling doesn’t always return to the **water cycle**,” Boren said. “That can cause changes in local weather in the long term.”

Damage – oštećenje

Community – zajednica

Water cycle – ciklus kruženja vode

Long term – dugoročno

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Supporters of the project say the positives of drilling outweigh the negatives. “Oil is a valuable **natural resource**,” said foreman David Bland. “We can’t survive without it. We need this project.”

But opponents of drilling say the project is destroying ecosystems. Activist Jasmine Macias is concerned about local wildlife. “Some of these animal species are unique to our biome,” she said. “If we allow their population to decrease like this, some may go extinct.”

To outweigh – prevagnuti

Valuable – vredan

To survive – opstati

Natural resource – prirodni resurs

Opponent – protivnik

To destroy - uništiti

To allow – dopustiti

To go extinct – izumreti

Foreman – nadzornik, poslovođa

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Dr. Boren's team will present their findings to government authorities next month. In the meantime, oil drilling will continue in Marion-Greenville as planned.

Findings – nalazi, rezultat istraživanja

Government authorities – državni organi

In the meantime – u međuvremenu

Reading

2. Read the newspaper article. Then complete the table.

Cause

Effect

Drilling

1. _____

2. _____

Long-term local weather changes

3. _____

Decrease in the animal populations

Vocabulary

3. Match the words or phrases (1-8) with the definitions (A-H).

- | | |
|---------------|--------------------------|
| 1. Biome | 5. Ecosystem |
| 2. Climate | 6. Climate change |
| 3. Population | 7. Natural resource |
| 4. Community | 8. Environmental science |

Vocabulary

A a useful material present in the environment

B a group of living and nonliving things that exist in a particular environment

C a notable and long-term shift in the patterns of weather conditions

D a group of organisms of the same species in a particular area

E an area of the planet with a particular set of environmental characteristics

F a long-term pattern of weather conditions

G a group of all the living things in a particular area

H the study of nature and environmental issues