

WATCHING OVER TEXAS FROM SPACE

**An Earth Observations education resource for grades 4 -12 in support of TEKS covering
Earth Science and Environmental Science Standards**

**Developed by TexasView with support from Grant Number G14AP00002 from the Department of the
Interior,**

3.4.3 HOW IS TEXAS CHANGING?

CHANGE PAIR GAME QUIZ ACTIVITY

INTRODUCTION

3.4.3.1 Slide show version

On the following page, you will find imagery from the Texas Parks and Wildlife Department, the NASA Earth Observatory, and the USGS Earthshots, presented as change pairs with accompanying multiple-choice quiz questions. Select the answer(s) that describe the change.

3.4.3.1 How is Texas Changing?

Change Pair Game Quiz

Slide Show version

1. What changed in this pair of Landsat images?

- A. Drought exposed lake bottom
- B. Lake level rose
- C. Agriculture expansion
- D. Urban expansion



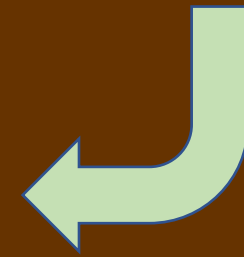
2. What changed
in this pair of
Landsat images?

- A. Sea level rose
- B. Sea level dropped
- C. River built delta
- D. Storm surge



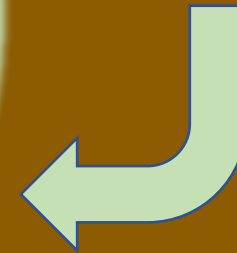
3. What changed in this pair of Landsat images?

- A. Playa lakes dried up
- B. Playa lakes drained into a deep canyon
- C. Crops were planted in playa lakes
- D. Seasonal soil moisture change
- E. Both A and D



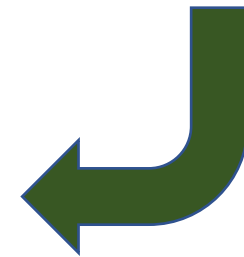
4. What changed in this pair of Landsat images?

- A. Lake level dropped
- B. Lake level rose
- C. Flooding brought sediment into lake
- D. Both B and C



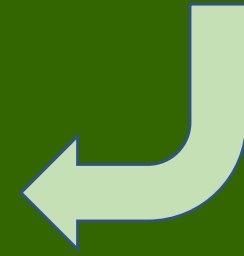
5. What changed in this pair of Landsat images?

- A. Drought
- B. Wildfire
- C. Agricultural Expansion
- D. Urban expansion



6. What changed
in this pair of
Landsat images?

- A. Drought
- B. Wildfire
- C. Agricultural
Expansion
- D. Urban expansion



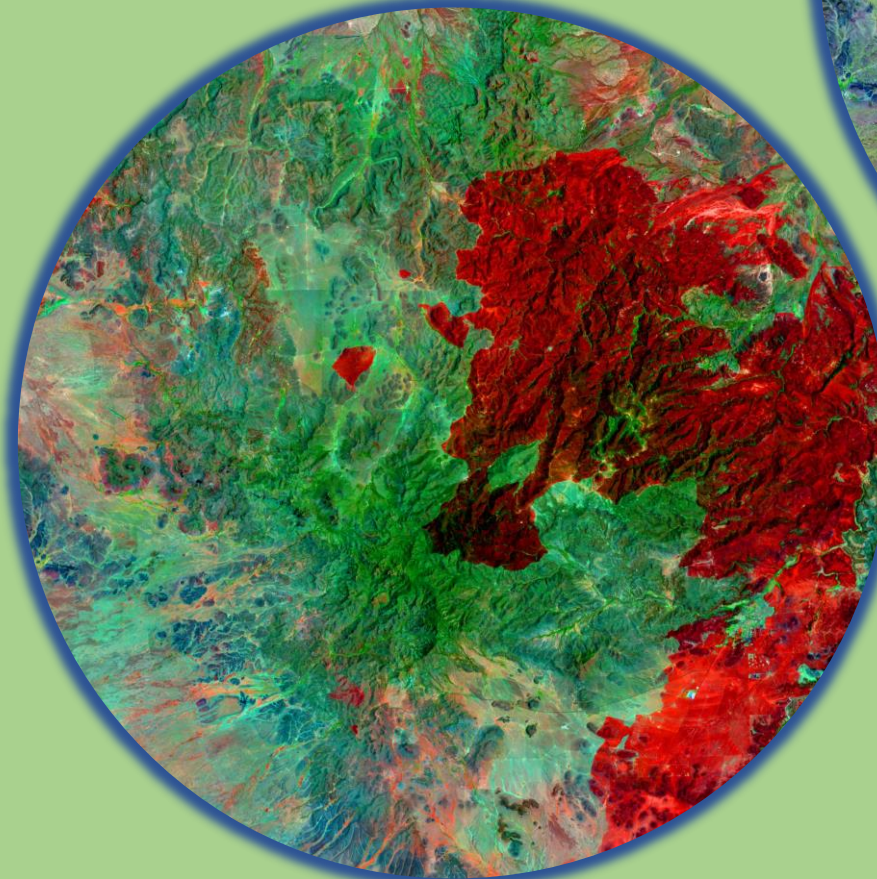
7. What changed
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Landsat images?

A. Drought

B. Wildfire

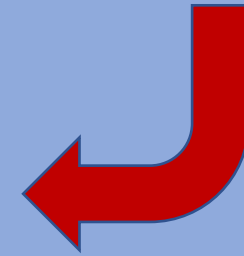
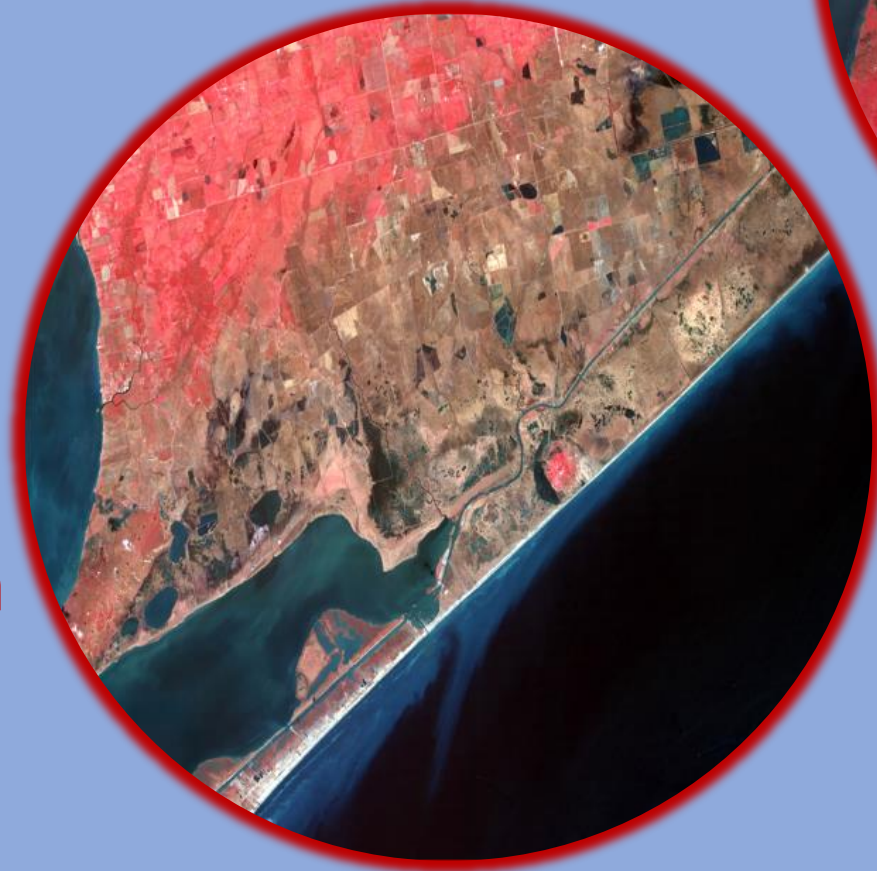
C. Storm Surge

D. Urban expansion



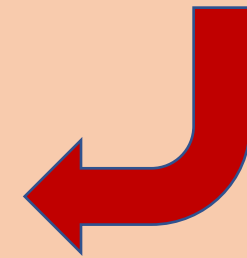
8. What changed in this pair of Landsat images?

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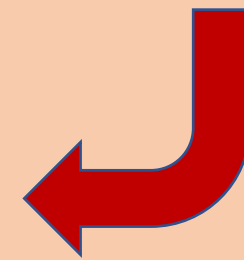
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- A. Suburban expansion
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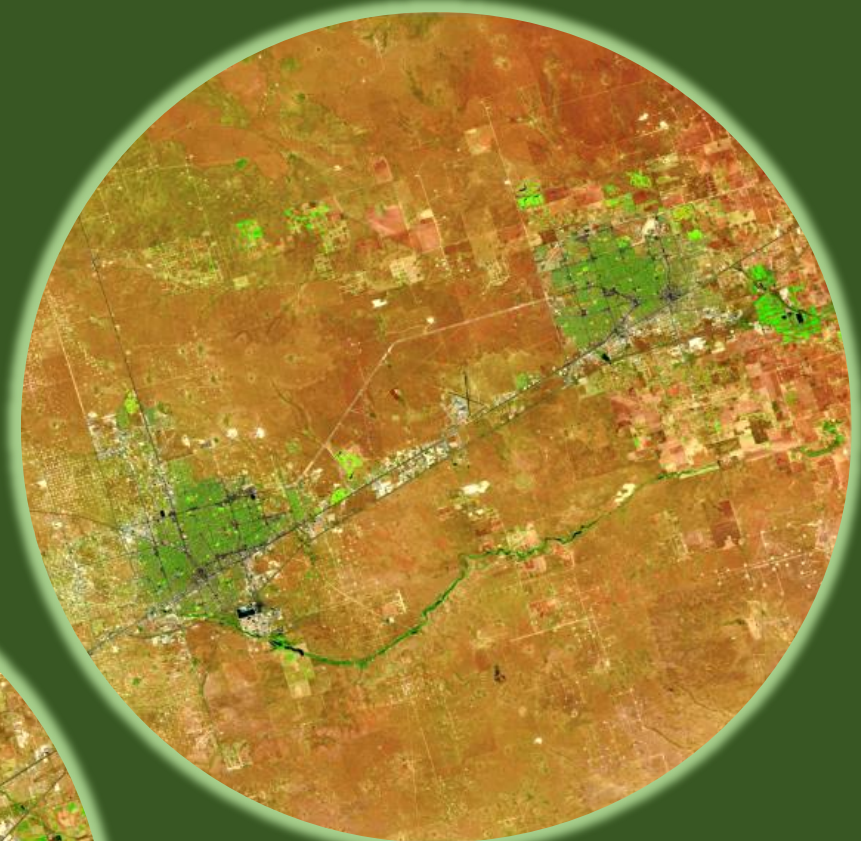
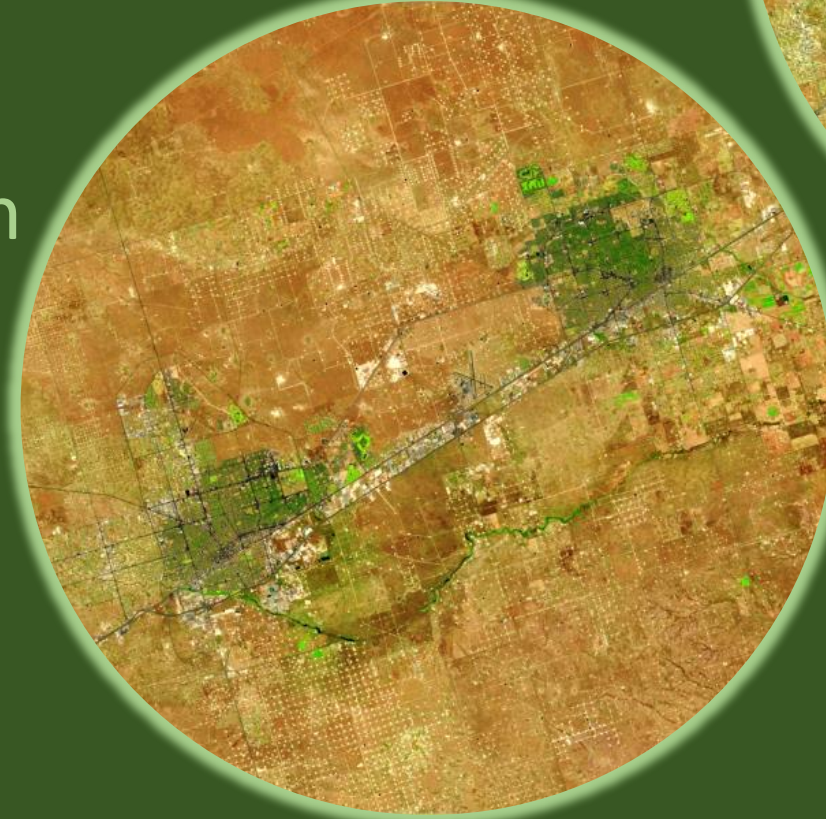
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- A. Urban/Suburban expansion
- B. Agricultural expansion
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11. What changed in this pair of Landsat images??

- A. Petroleum production expansion
- B. Agricultural expansion
- C. Storm surge
- D. Urban expansion
- E. Both A and D



12. What changed in this pair of Landsat images??

- A. Petroleum production expansion
- B. Agricultural expansion
- C. Flooding
- D. Urban expansion
- E. Both A and D



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3.4.3.2 Print version

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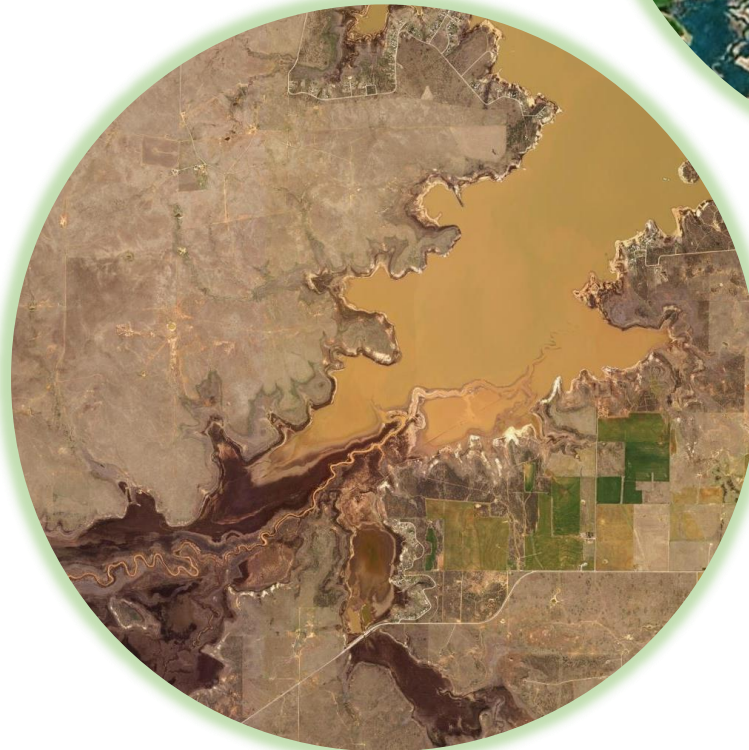
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Change Pair Game Quiz

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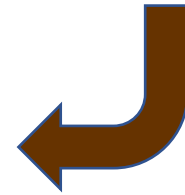
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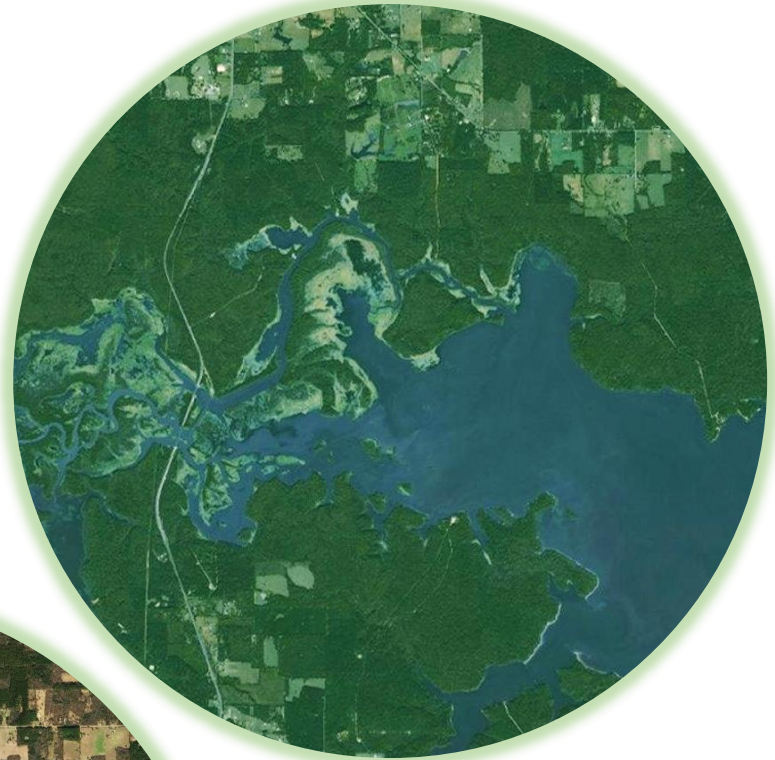
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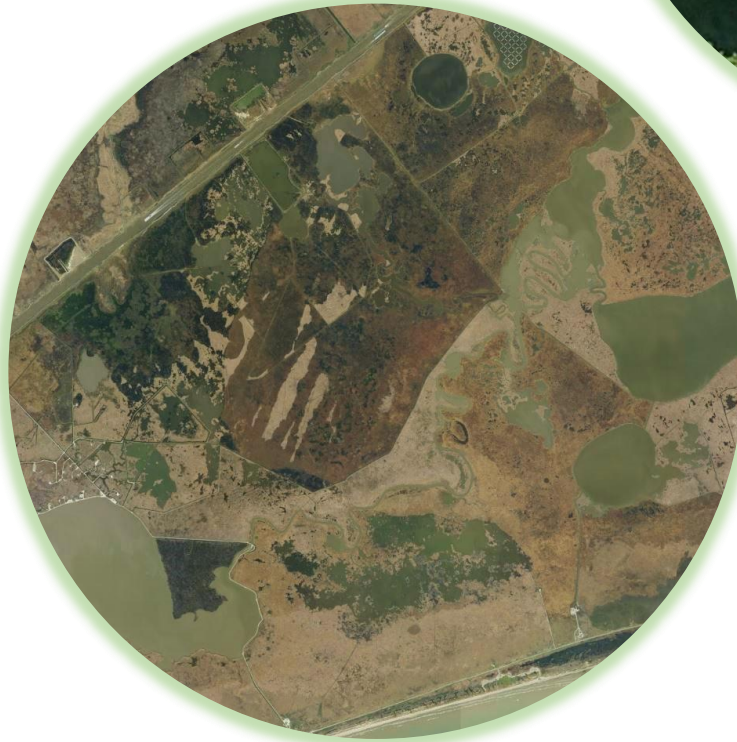
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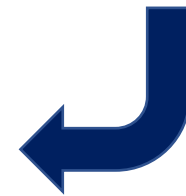
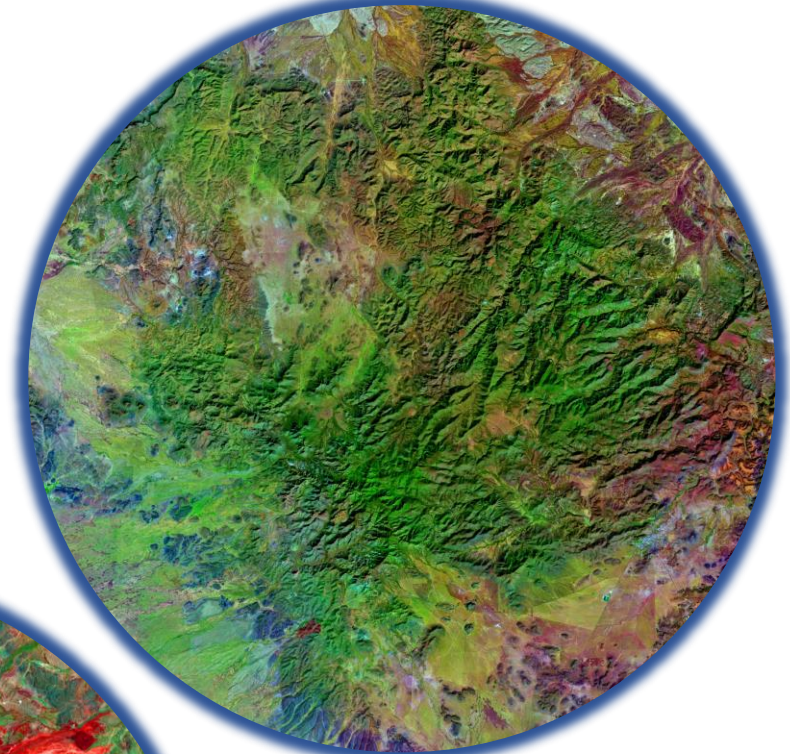
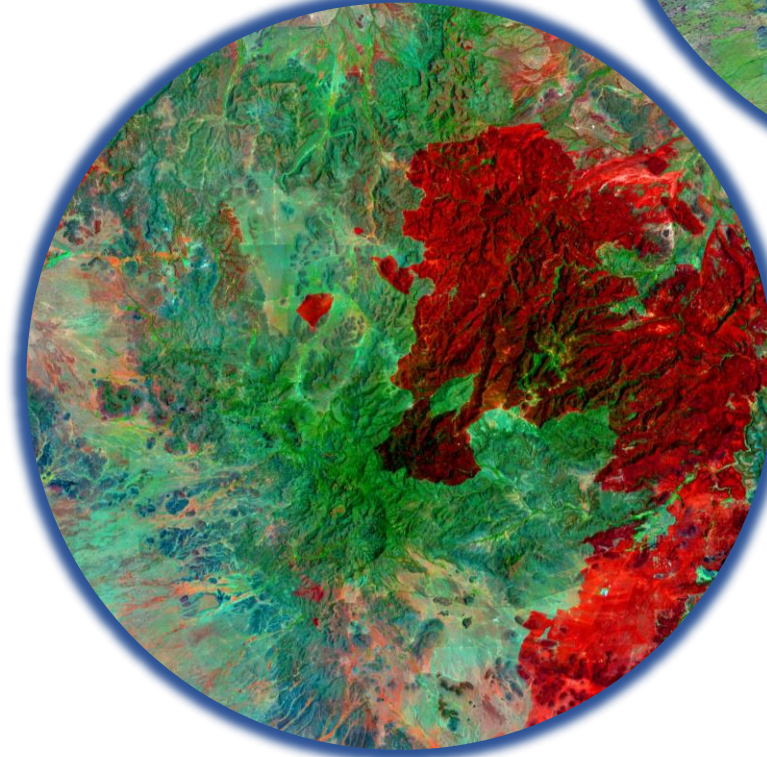
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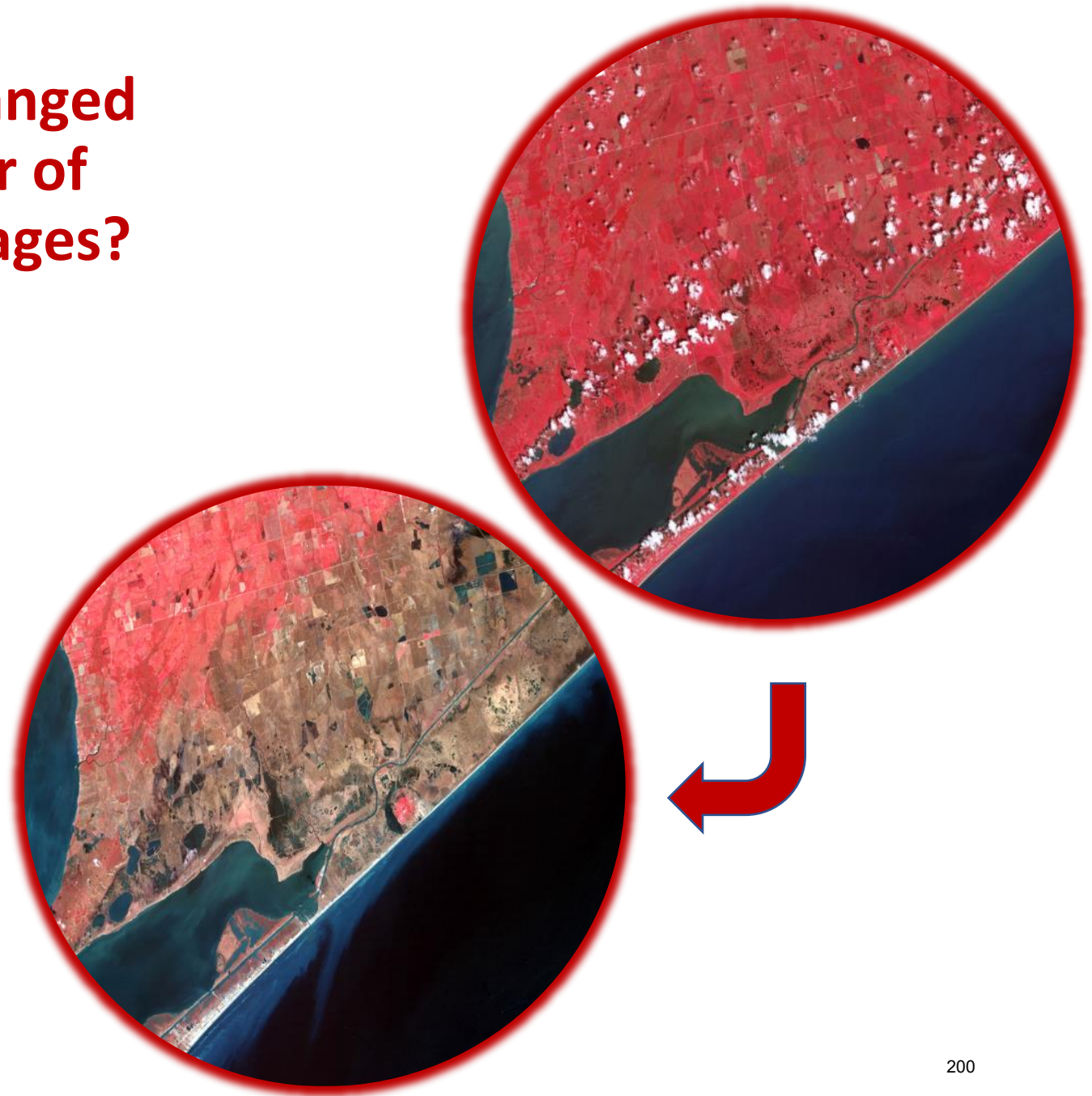
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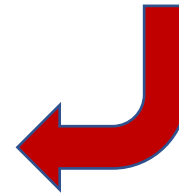
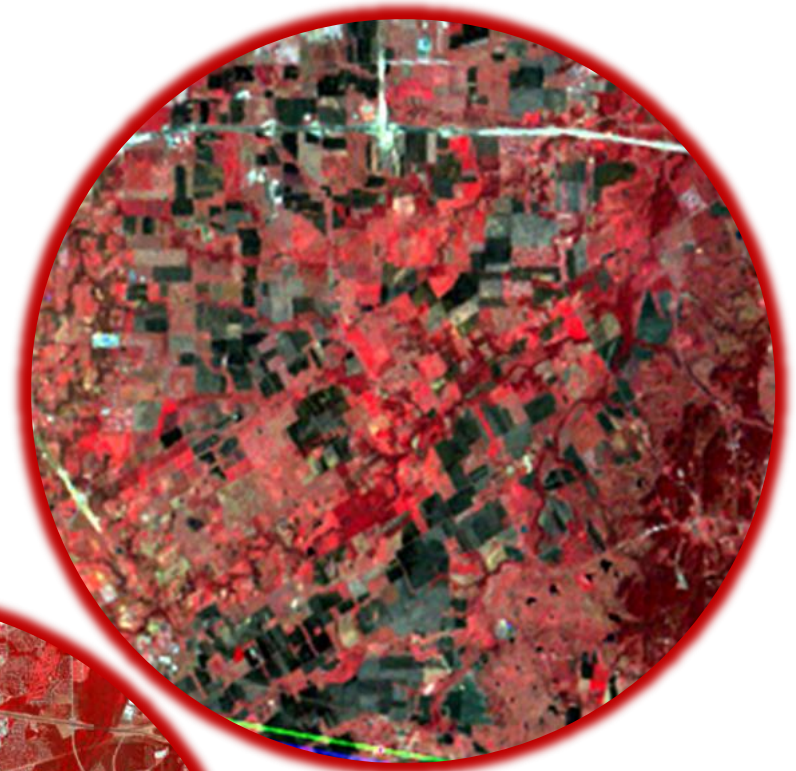
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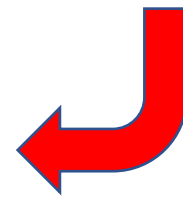
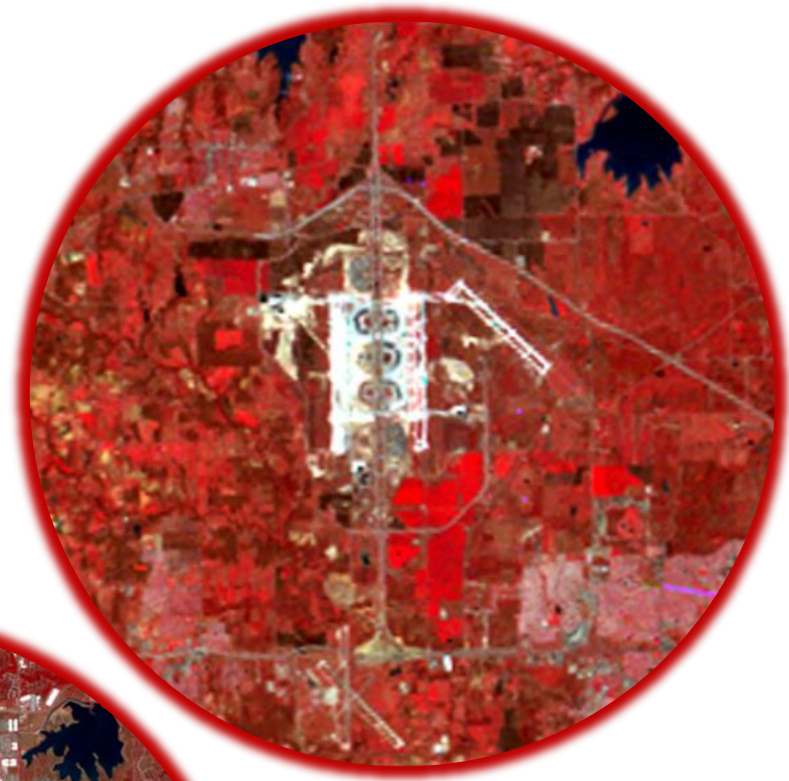
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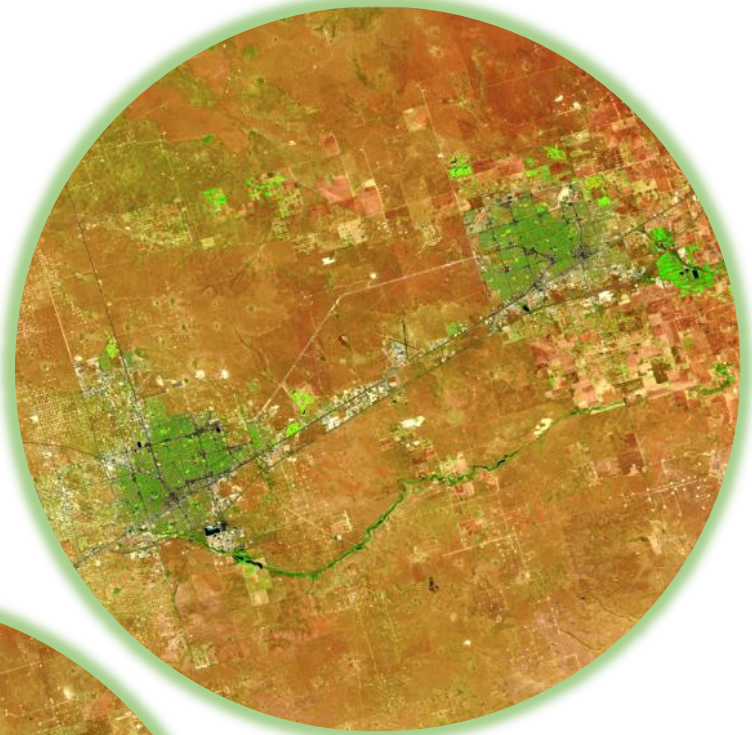
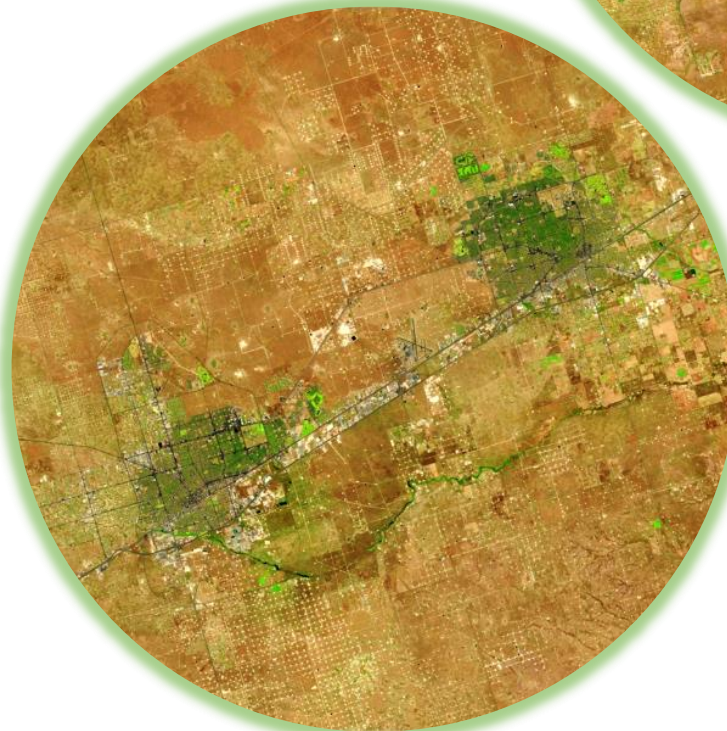
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