



**Downsampled
High-Resolution
Input Image**

Prompt

Show me the right-side concrete dam. You are an intelligent remote sensing analyst ...

1. <think> ... </think>

- **Question Intent, Localization Strategy, Reasoning Result**

- Cropping: output bbox...:

```
[{"bbox_2d": [x_min,y_min,x_max, y_max,  
"label": "<short description>"}]
```

2. <tool_call> ... </tool_call>

- After generate the bounding box of the ROI, you must call the segmentation tool.

- Follow these formatting rules strictly ...

Rules:

-...



Step 1

The global satellite image shows a coastal area with agricultural fields, forested land, a body of water ...

Step 2

Question Intent: The intent is to locate and identify the right-side concrete dam

Step 3

Localization Strategy: On the right side of the global image, the riverside is visible ...

Step 4

Reasoning Result: I will confirm whether ... If confirmed, the bounding box will correspond to ...

Step 5

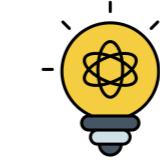
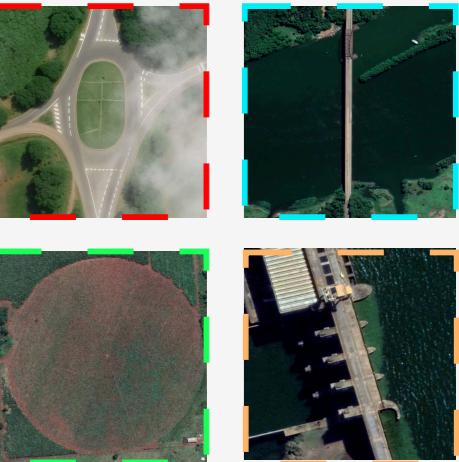


```
<tool_call>{  
    "name": "segmentation",  
    "arguments": {  
        "bbox_2d": [207.5, 299.5, 284.3,  
371.0],  
        "label": "right-side concrete  
dam"  
    }  
</tool_call>
```

**Original High-
Resolution Image**



Cropped Image



Thinking



Cropping & Zooming



Toolkit



Cloud Removal



Denoise

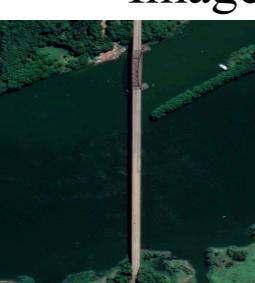


Image Editing



Segmentation