



# BMI Live!

Mark Piper

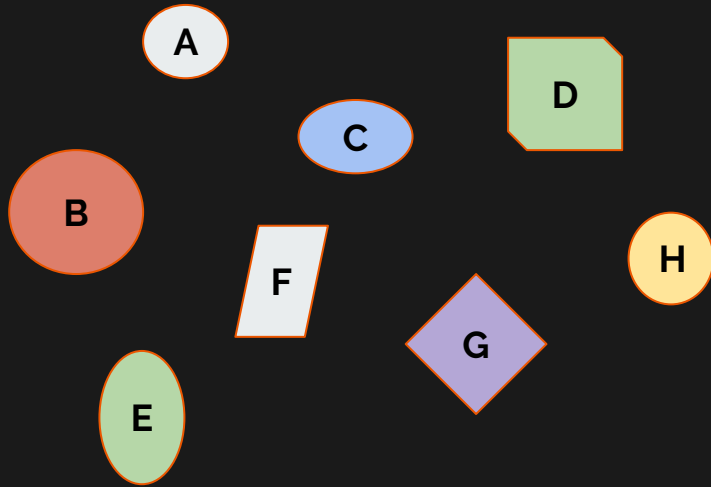
[mark.piper@colorado.edu](mailto:mark.piper@colorado.edu)

Eric Hutton

[eric.hutton@colorado.edu](mailto:eric.hutton@colorado.edu)



# The CSDMS modeling philosophy



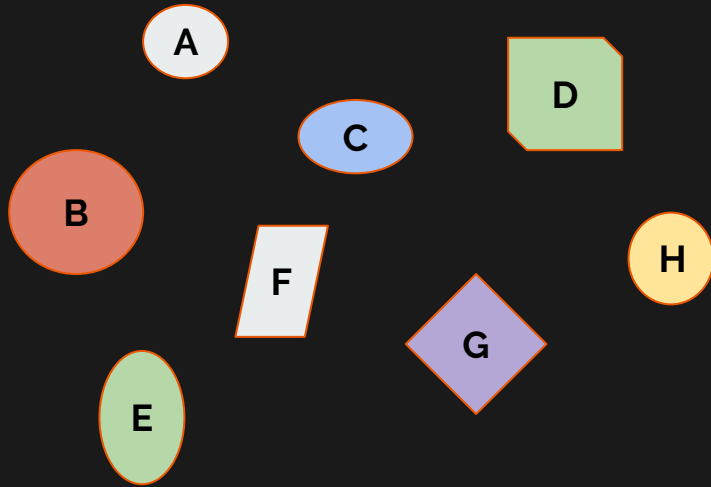
**Step 1: Write models**

**Step 2: ???**

**Step 3: Science!**



# The CSDMS modeling philosophy



**Step 1: Write models**

**Step 2: CSDMS Modeling Framework**

**Step 3: Science!**

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**Problem:**

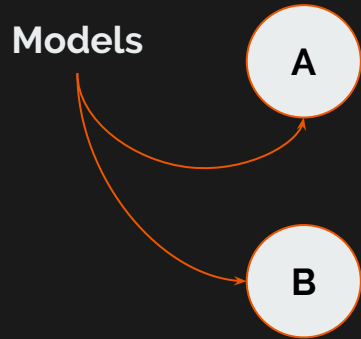
**How can we standardize  
access to models?**

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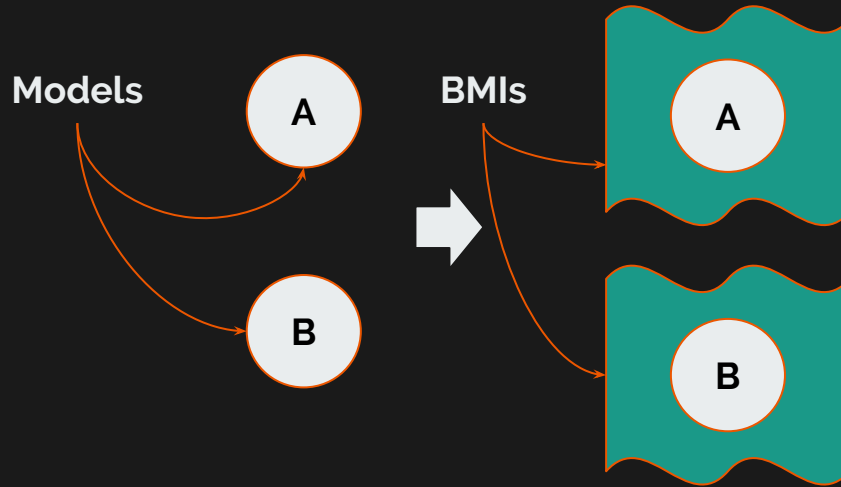
# Basic Model Interface (BMI)



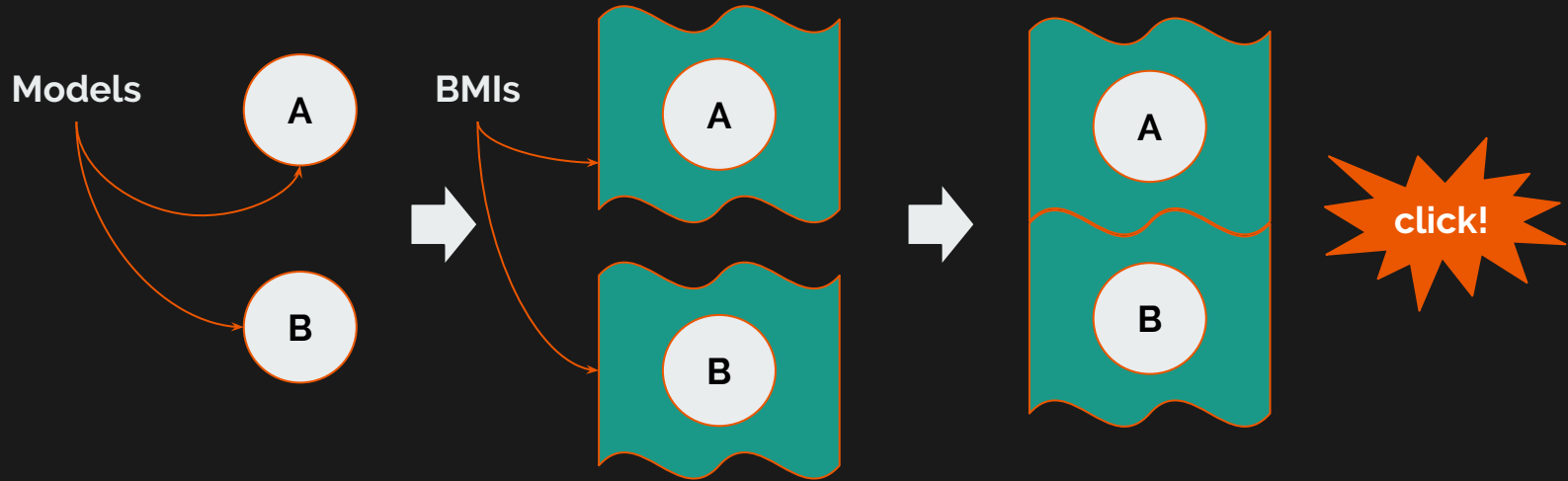
# Basic Model Interface (BMI)



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# Basic Model Interface (BMI)







## **BMI documentation**

[https://csdms.colorado.edu/wiki/BMI\\_Description](https://csdms.colorado.edu/wiki/BMI_Description)



# Todo

- Coupling with data
- Modeling in a geospatial context
- Better documentation and examples

Thank you!

<http://bit.ly/Day1Clinics>