**Critiquing the NetLogo Land Cover Change Model**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Identify a claim you can make using outputs from the NetLogo Land Cover Change Model. Hint: How

does the stream discharge change when you change the land cover?

Claim:

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Identify the evidence you have to support your claim. Hint: Look at how the shape of the hydrograph

changes when you change the land cover in the model.

Evidence:

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Identify the reasoning (the scientific explanation) that links your evidence to your claim. Hint: Why

does changing the land cover increase or lower the peak of the hydrograph?

Reasoning:

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Now critique the model.

How do you know if the model output is accurate?

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What can the model do well? How do you know?

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What does the model not do well? How do you know?

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What information can you give the model, so the output from the model will be more accurate? Why

will the information make the output more accurate?

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