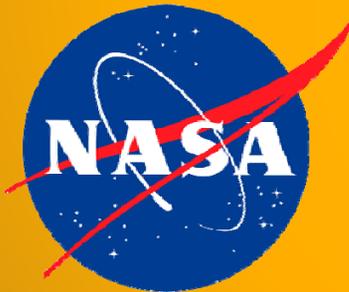
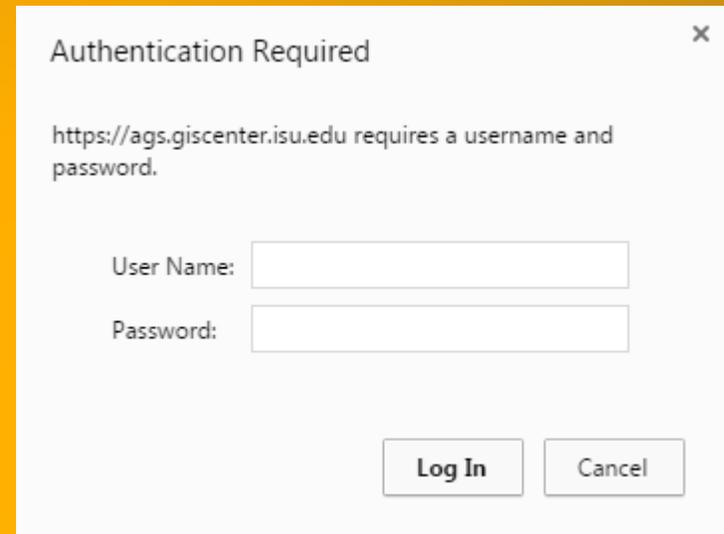


# INCORPORATING DEBRIS FLOW MODELS INTO RECOVER – THE PROCESS



# INITIAL STEPS

- Create or identify the map package (.mpk) to upload  
(see the help doc for assistance, located at the following url or from the RECOVER team)
- Navigate to <https://ags.giscenter.isu.edu/files/shpload.aspx>
  - Enter the login credentials provided to you by the RECOVER team



Map Package



Upload



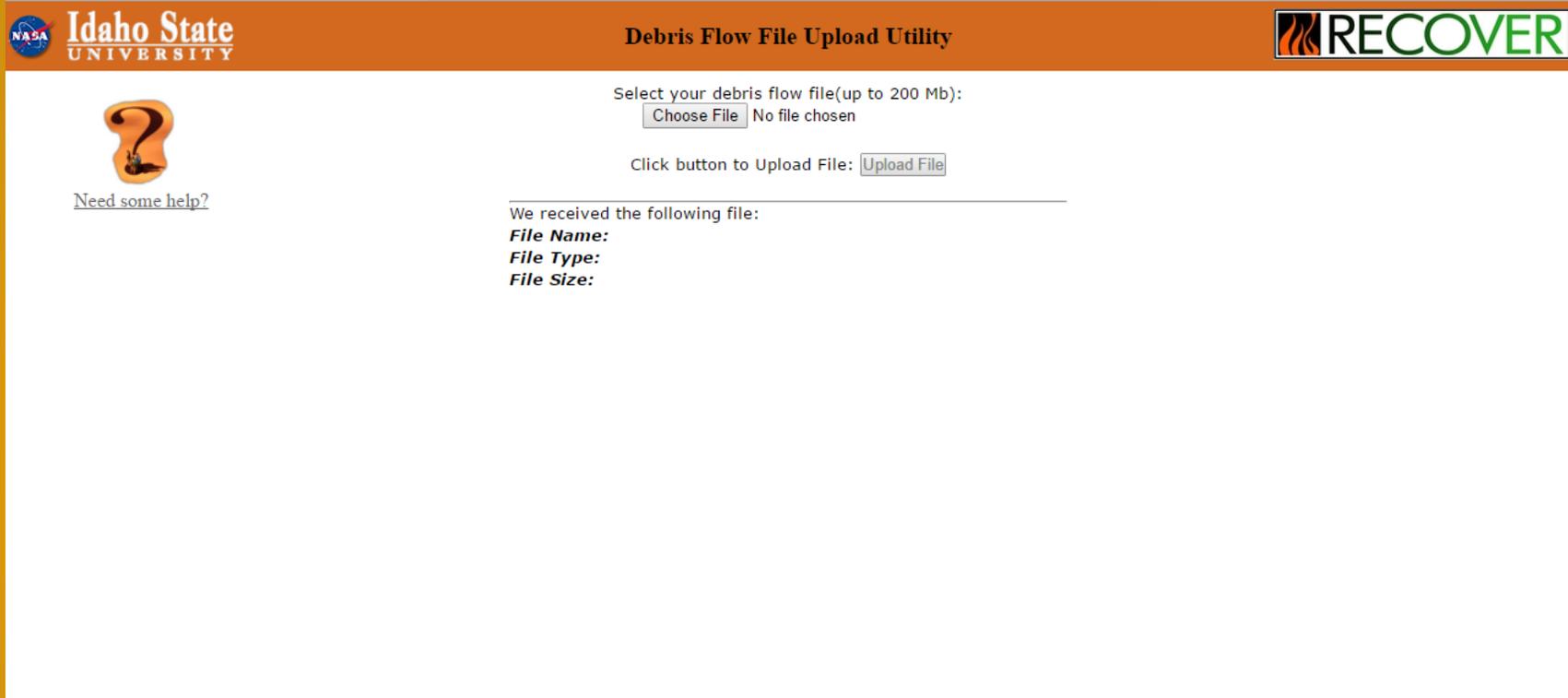
Python Script



RECOVER



# UPLOADING THE MAP PACKAGE



The screenshot shows a web interface for the "Debris Flow File Upload Utility". At the top left is the NASA Idaho State University logo. At the top right is the RECOVER logo. The main content area includes a question mark icon with the text "Need some help?". The central part of the interface prompts the user to "Select your debris flow file(up to 200 Mb):" and provides a "Choose File" button, which currently shows "No file chosen". Below this is an "Upload File" button. At the bottom, there is a section titled "We received the following file:" with labels for "File Name:", "File Type:", and "File Size:", but no data is displayed.

- Select your map package (.mpk) file
- Click Upload File!

## AFTER THE UPLOAD...

- 1) A Python script automatically detects a new map package (.mpk) upload
  - 2) The script then extracts the map package and stores it on the server
  - 3) The original map package is moved from the upload folder to a storage location on the server
  - 4) The extracted map document (.mxd) is published as a map service
  - 5) Email notifications are sent to alert the RECOVER team of a new map package as well as notifications in the case of runtime errors
  - 6) Finally, the map service is ingested by RECOVER for use in the web application
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