# Contributing to Open Science: Creating a Project Pythia Cookbook

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### WHAT IS PROJECT PYTHIA?

Project Pythia is an educational and training hub tailored towards the geoscientific Python community. Its main goal is to teach valuable skills through open-source and accessible educational materials and resources. By providing comprehensive education, Project Pythia aims to empower geoscientists to contribute back to the open-source Python community. The Project Pythia website currently comprises four main sections, as seen below.



### SCAN THE QR CODE FOR THE PROJECT PYTHIA WEBSITE

### WANT TO GET INVOLVED?

- Use any of the Project Pythia educational or training materials - Participate in the Pangeo forum - Consider turning previous or current work into a Cookbook following the Contributor's Guide.
- Follow Project Pythia on social media

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Spread the word about Project Pythia Submit a resource link Attend any of the weekly Pythia Working Group public meetings. Schedule is available on the Project Pythia homepage Participate in a Pythia Webinar Tutorial





### **OVERVIEW OF COOKBOOK CONTRIBUTION**

Contributing your work to an open science initiative can be scary and intimidating, but it is a rewarding experience. Project Pythia has developed an extensive Cookbook Contributor's Guide to streamline the process and to encourage contributions. The process is outlined below and the full guide is available on the Project Pythia website.

E CONTENT IDEAS	-	Consider if your idea would fit int Discuss ideas on the Project Pythi
THE COOKBOOK TEMPLATE	-	Create a GitHub account if needed Clone the repository into your loc Create your environment
P COOKBOOK ON AL WORKSPACE		Add your content using the noteb Reach out to Project Pythia if you development process of your cook
FER COOKBOOK EPOSITORY		Contact Project Pythia via Pangeo Once transferred, you will retain v
BMIT TO THE BOOK GALLERY	-	Navigate to the Cookbooks Gallery Follow the "Submit a New Cookbo your Cookbook

## **MY PROJECT PYTHIA CONTRIBUTIONS**

MetPy Cookbook – Skew-T Section



to an existing cookbook or in a new cookbook ia Pangeo forum

cal workspace

book template I have any questions throughout the kbook

to start the transfer process write access to your Cookbook

ry on the Project Pythia website ook" prompts to submit a Pull Request for

Remote Data Access with xarray



