**Frontier Development Laboratory (FDL) Request for Information (RFI)**

**Summary:**

The Science Mission Directorate (SMD) seeks suggestions for topics relevant to [2014 SMD Science Plan](https://smd-prod.s3.amazonaws.com/science-pink/s3fs-public/atoms/files/2014_Science_Plan_PDF_Update_508_TAGGED_1.pdf) amenable to application of Artificial Intelligence / Machine Learning tools for the 2020 [Frontier Development Laboratory](https://frontierdevelopmentlab.org/) Program.

**Responses are due: November 7, 2019**

[https://nspires.nasaprs.com/external/solicitations/summary!init.do?solId=%7b0A82091B-A257-621B-230B-C795243AABBF%7d&path=open](https://nspires.nasaprs.com/external/solicitations/summary%21init.do?solId=%7b0A82091B-A257-621B-230B-C795243AABBF%7d&path=open)

**Background:**

[FDL](https://frontierdevelopmentlab.org/) is an applied artificial intelligence (AI) research accelerator leveraging the newest developments in AI and Machine Learning (ML) technologies from academia and the private sector and applying them to challenges relevant to NASA's goals in space and earth sciences. Teams of computer scientists and space and earth scientists work to solve problems important to NASA and humanity’s future within a given time frame. Each team is made up of four participants (two computer scientists and two domain scientists). The teams are mentored by subject matter experts (SMEs) in both science domains and AI/ML. FDL is a public-private partnership between NASA and the SETI Institute, commercial and academic institutions and other foreign and domestic agencies.

**How to respond to this RFI:**

Submissions shall be as a Notice of Intent (NOI) via the NSPIRES page for the FDL RFI. Responses to this RFI by other means will notbe accepted.

When creating the NOI in NSPIRES one will supply identifying information and be prompted to provide to seven short statements by filling in text boxes, all of which have characters limit. For more information please read the text of the FDL RFI on NSPIRES.