The FV3GFS NWS Virtual Lab Community

Kate Friedman - NCEP/EMC EIB

FV3 Training June 14th, 2018

Public home: https://vlab.ncep.noaa.gov/web/fv3gfs

Sign In

Sign into VLab to access private side of community

FV3GFS

Home | Training

WELCOME TO THE FV3GFS VLAB COMMUNITY!

FV3GFS Announcements:

Upcoming FV3 Training

GFDL and EMC are pleased to announce an initial FV3 training targeted towards technical developers; the goal of this initial training is to focus on the detailed description of the FV3GFS forecast model (dynamic core, solver and physics) and various utilities, and testing of the FV3GFS for global atmospheric applications. A demo on how to run FV3GFS using the FV3GFS workflow including post processing and verification will also be part of this training.

The training will be held at NCWCP/NCEP in College Park, Maryland June 12th through 14th. More information will be available soon on the following community page: https://vlab.ncep.noaa.gov/web/fv3gfs/training

Version 1 Release of the FV3GFS

NOAA users and external partners with NWS Virtual Lab access can view the release information, as well as other developmental details, in the FV3GFS Community.

FV3GFS VERSION 1 RELEASE

FV3GFS Version 1 Public Release

- **Release Date: March 30, 2018**
- **Configuration: NEMS + FV3_CAP + FV3_Dycore + IPDv4 + FV3GFS_Beta_Physics**
- **Resolution:** C192 (~50km), C384 (~25km), C768 (~13km), no nesting/stretching

HOW TO ACCESS THE FV3GFS

NON-NOAA USERS

Users outside of NOAA will need to obtain a VLab External Partner Account. To get one please have a sponsor from within NCEP (must have noaa.gov email) fill out the external partner account request form within VLab.

NOAA USERS AND EXTERNAL PARTNERS

FV3GFS VLab community:

NOAA users and external partners with VLab access: 1) click "Sign In" on top right of this page, 2) once signed in click on "All Available Communities" in the "My Communities" portlet on the left side, 3) scroll down the list to find the "FV3GFS" community and 4) click "Join" next to the community. Then navigate to the community home page through your "My Communities" list at the top or by this link:

https://vlab.ncep.noaa.gov/group/fv3gfs/

FV3GFS Redmine & Git repositorys:

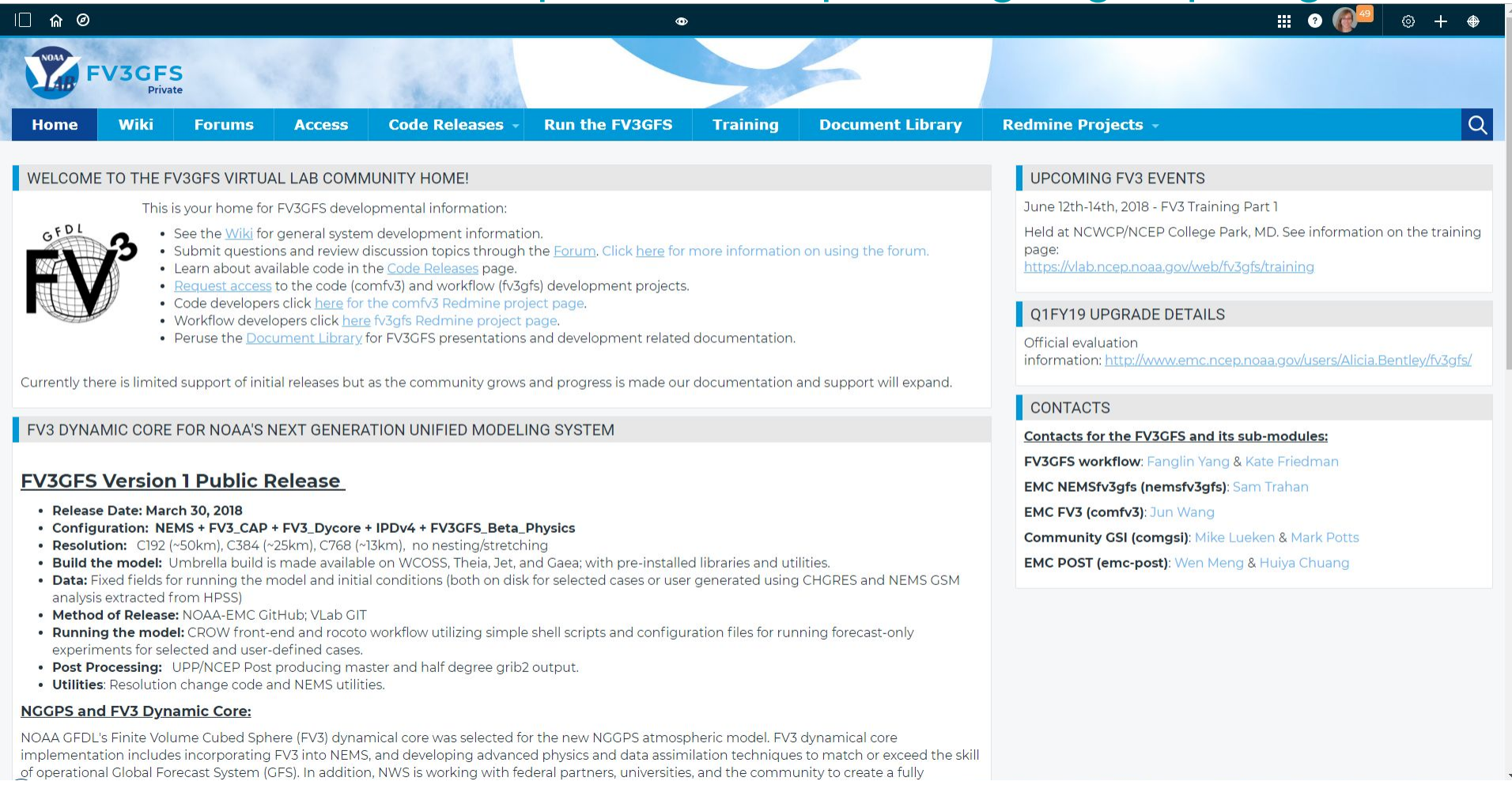
(access requested through form in FV3GFS VLab community)

https://vlab.ncep.noaa.gov/redmine/projects/fv3gfs

https://vlab.ncep.noaa.gov/redmine/projects/comfv3

DOCUMENTS AND MEDIA

Private home: https://vlab.ncep.noaa.gov/group/fv3gfs



FV3GFS VLab Community Pages

- Public
  - Home page: https://vlab.ncep.noaa.gov/web/fv3gfs
  - Upcoming FV3 training: https://vlab.ncep.noaa.gov/web/fv3gfs/training
- Private:
  - Home page: https://vlab.ncep.noaa.gov/group/fv3gfs
  - Wiki: https://vlab.ncep.noaa.gov/group/fv3gfs/wiki
  - Forums: https://vlab.ncep.noaa.gov/group/fv3gfs/discussions-forums
  - Access: https://vlab.ncep.noaa.gov/group/fv3gfs/access
  - Code releases: https://vlab.ncep.noaa.gov/group/fv3gfs/code-releases
    - Version 0: https://vlab.ncep.noaa.gov/group/fv3gfs/version-0
    - Version 1: https://vlab.ncep.noaa.gov/group/fv3gfs/version-1
  - How-to: https://vlab.ncep.noaa.gov/group/fv3gfs/wiki/-/wiki/Main/How-to
  - Training documentation: https://vlab.ncep.noaa.gov/group/fv3gfs/training
  - Document library: https://vlab.ncep.noaa.gov/group/fv3gfs/training
  - Redmine projects: https://vlab.ncep.noaa.gov/group/fv3gfs/development
    - Drop-down to fv3gfs and it’s sub-module projects.

Document Library

Technical, scientific, code release, and training documents, as well as weekly technical meeting presentations available.