

ORCHIDEE: Some news...

- **PROJECT – LEVEL news:**

- CNRS – INSU labellisation of the model
- Engineering position: “FSEP” position open for internal CNRS IR permanent people who want to change position
- CMIP6 runs nearly completed (check IPSL web site)
- Tag in preparation for the current Trunk with CN (end of Jan 2020) including also soil C discretisation (used for Permafrost)
- Inclusion in the Trunk of CAN features => Feb 2020
- On-going effort to merge other features (from MICT, FIRE, ...)

- **Scientific news:**

- Problem with high [CO₂] concentration (above 700 ppm) runs with the V_cmax downregulation activated → GPP goes toward 0 !
- Differences between V2.0 and V2.2 (Josefine)

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- **Sharing information**

- Google document with important information (governance / list of people/projects)
<https://docs.google.com/document/d/13R22r1fx0JoYKCojG1k3IM2C18RWuFNvxoYKdtacJEI/edit#heading=h.xodt0i7kclgu>
→ To be updated for the list of people (section 5)
- New ORCHIDEE articles:
<https://sharebox.lsce.ipsl.fr/index.php/s/AhJk0Bk6rdySXKL>
→ Need to find a way to communicate articles..
- Everyone to propose DEV meeting
Proposed subjects are: “CO2 fertilisation in ORC” /
“Albedo and surface physical properties” / “ Data assimilation”

River routing

- New structural features in the routing :
moving beyond regular lat/lon grids and new diagnostics (Jan)
- Groundwater parametrization and flow time constants (Agnès)
- River overbank flows parametrization (Ronny)
- Parametrizing divergent flows for floodplains (Anthony)