

Monthly flash news about:

- ✓ FIP CAR
- ✓ FIP Monitoring
- ✓ FIP ABC Cerrado
- ✓ FIP Landscape
- ✓ FIP Coordination
- ✓ FIP IFN
- ✓ DGM Brazil



Source: SFB and WB database



## Coming up next

- [August 7 - 10, 2018] DGM Workshop in Montes Claros, MG
- [August 17, 2018] 3o MapBiomass Annual Seminar in Brasilia, DF
- [August 21 - 24, 2018] DGM Workshop in Brasilia, DF
- [August 28 - 31, 2018] DGM Workshop in Cuiabá, MT
- [August 30 - 31, 2018] FIP CAR next supervision mission in Brasilia, DF
- [September 11, 2018] National Cerrado Day



Source: SFB and WB database



## Did you know?

On July 5, 2018, the Ministry of Environment of Brazil created the Deliberative Council of the Cerrado Biosphere Reserve. The Council will have 23 representatives, as follows:

- ✓ 1 (one) vacancy for each state + Federal District environmental agencies that are part of the National Environmental System (SISNAMA) - Federal District; Goiás; Tocantins; Piauí; and Maranhão;
- ✓ 1 (one) vacancy for the Chico Mendes Institute for Biodiversity Conservation (ICMBio);
- ✓ 1 (one) vacancy for the National Water Agency(ANA);
- ✓ 5 (five) vacancies for civil society environmental organizations acting in the Cerrado Biosphere Reserve (one from each State mentioned above and one from the Federal District);
- ✓ 2 vacancies for representatives of communities living in the area of the Cerrado Biosphere Reserve (one (1) representative of the Cerrado Network and one (1) vacancy for the National Council of Traditional Peoples and Communities);
- ✓ 6 (six) vacancies for academy representatives working in the Cerrado Biosphere Reserve (one (1) from each State, one (1) from the Federal District and one from the Brazilian Society for the Advancement of Science – SBPC);
- ✓ 3 (three) vacancies for the following civil society organizations: a) Confederation of Agriculture and Livestock of Brazil – CNA; b) National Confederation of Industry - CNI; and c) Brazilian Mining Institute - IBRAM.

The first term will be of 2 (two) years. The council, as main attribution will be: approve and coordinate the management system of the Cerrado Biosphere Reserve; represent the Cerrado Biosphere Reserve within the Brazilian Commission for the "Man and the Biosphere" Program (COBRAMAB); encourage the creation, implementation and operation of the States Committees of the Cerrado Biosphere Reserve; elaborate the Plan of Action, and strengthen the implementation of the Cerrado Biosphere Reserve, among other duties. Board meetings will be open and public.

## On the news:

-  **FIP IFN:** A new partnership between the Federal University of Brasilia and the National Forest Inventory (IFN)
-  **DGM Brazil:** DGM Steering National Committee knowledge exchange in Peru



Source: WB and PIC's database



## @ the field

### FIP Coordination

Time to present results – The presentation of the FIP M&R 2017, held in Brasilia on June 26, received around 45 stakeholders involved in FIP Brazil initiatives to report the main results of the projects and exchange ideas to improve the implementation of its activities. The list of presence, PPT presentation and list of presence can be accessed [here](#).

### DGM Brazil

And the winners are...CAA-NM (Center of Alternative Agriculture from the North of Minas), the implementation agency for DGM Brazil, announced the results of the 2nd Call for Proposals, and selected 18 initiatives focused on agroecological practices; consolidation and diversification of markets and cultural rescue; recovery of degraded natural resources; and promotion of territorial and environmental management in territories of Indigenous Peoples, Quilombolas and Traditional Communities. Over USD 520,000 will be invested in these projects. As of today, an approximately amount of USD 2.6 million are already being invested in the Cerrado biome, through the selected projects – 64 in total (60 via selective process and 4 by invitation letter).

### FIP Landscape

Next steps: the project team met in Brasilia on July 4<sup>th</sup> and on August 3<sup>rd</sup> to follow up on the next steps to submit the project for approval to the World Bank Board by September 2018. Due to the dollar exchange rate floatation and change in the original grant amount, the team is revising the Project documents, Procurement and Operational Plans to adjust the amounts.

### FIP Monitoring

Fire! Last month, FIP Monitoring team developed a field activity in the Xerente Indigenous Land, in Tocantins. The activity was carried out by INPE's (National Institute for Space Research) Queimadas Program in cooperation with IBAMA-PrevFogo (Brazilian Institute of Environment and Renewable Natural Resources). The objective was to improve the Cerrado Fire Risk and Severity products and included light controlled fire, that was monitored by a drone equipped with camera (image 1) and special radiometer for data acquisition, detection by the multi-spectral sensor of the Sentinel 2B Satellite (image 2) and record of the meteorological data to calibrate and improve the products of Fire Risk and Severity.



Image 1



Image 2

FIP Monitoring Database

### Still on FIP Monitoring

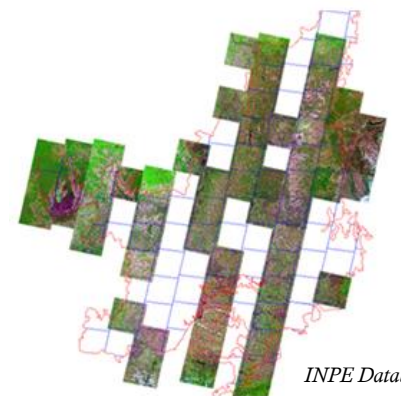
After the deforestation mapping in a 1:250,000 scale – PRODES(Deforestation Monitoring System) for 2016 and 2017 concluded, INPE, launched the deforestation detection monitoring in near real time (DETER – Deforestation Detection System) on May 1<sup>st</sup>, 2018. In a period of 90 days, CERBS-4 satellite (China–Brazil Earth Resources Satellite program) revisited 75 times the Cerrado areas and generated images over an accumulated area of 60,755,713km<sup>2</sup>, which is equivalent to 30 times total coverage of the Biome. Below is an

example of the image generated by the AWFI camera aboard CBERS-4 satellite. Although the images generated by the optical sensor AWFI (Advanced Wide Field Imager) had some analysis area partially blocked by the presence of clouds, around 4,874km<sup>2</sup> of deforestation alerts, distributed in 16,672 points in the Cerrado, have been identified.



INPE Database

In addition, INPE is selecting images collected in 2018 by the Landsat8 satellite, to map deforestation in the scale 1:250,000 (PRODES). To date, 60 images were processed. A total of 118 images are necessary to complete the full coverage of the Cerrado Biome. PRODES 2018 aims to update deforestation data before the end of this year.



INPE Database