

2017

Détection satellite des points chauds  
(hotspots)

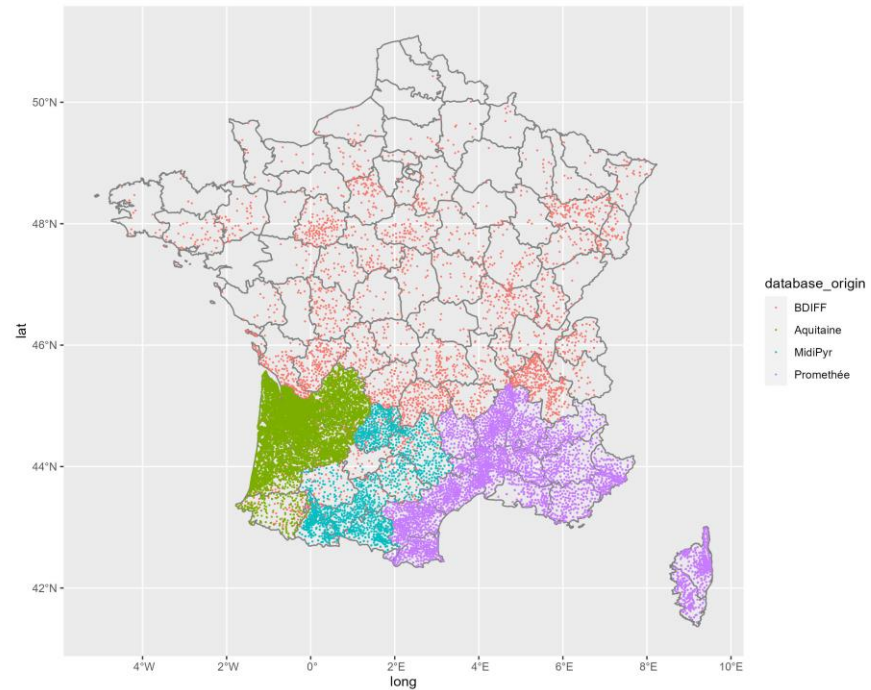
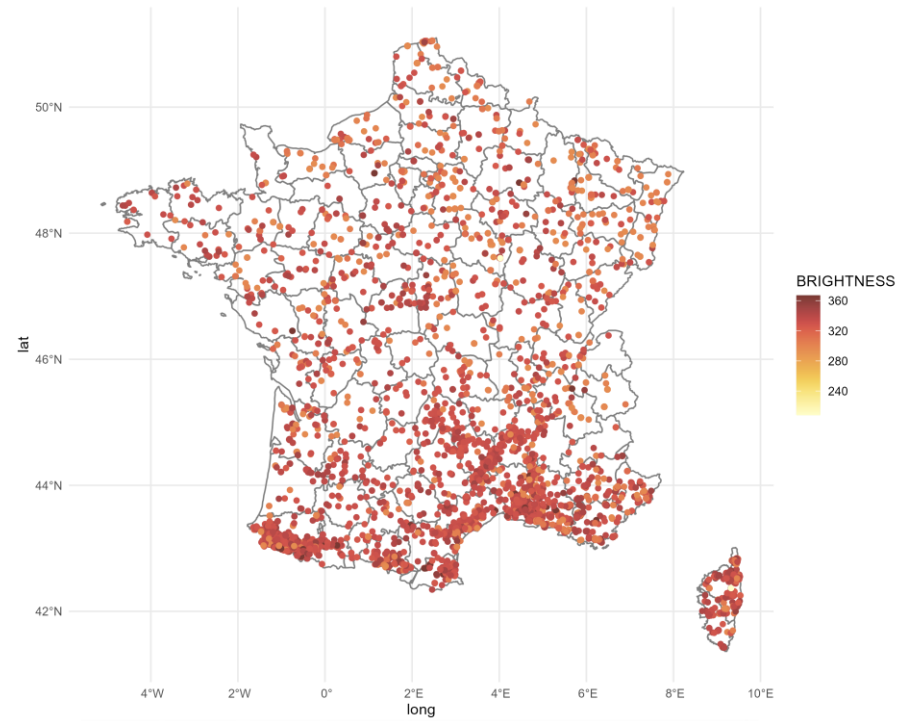
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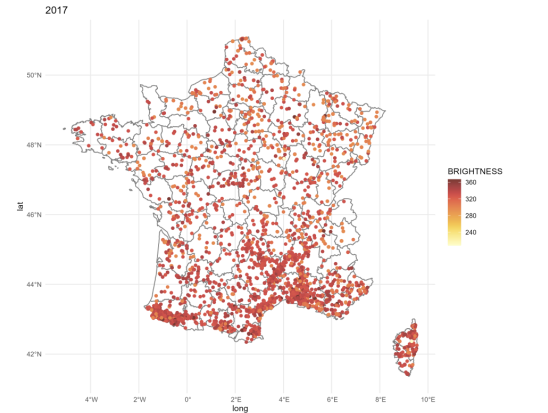
Capteurs MODIS/VIIRS ~ 4 satellites

Base de données BDIFF et Prométhée

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Alerte Pompier et estimation de la  
surface brûlée



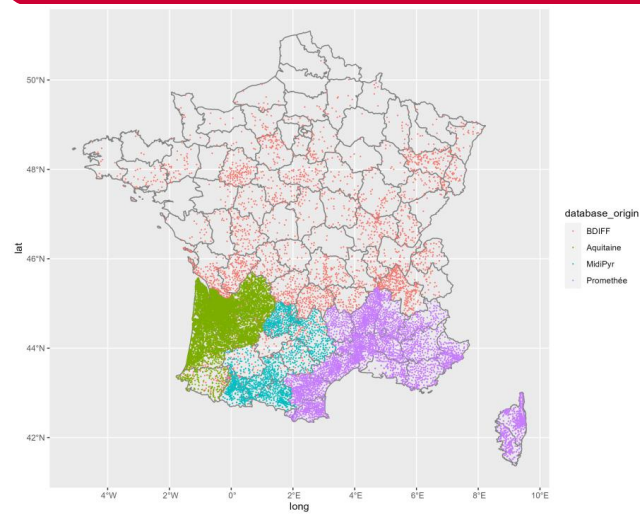


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Images satellites de la couverture de sol

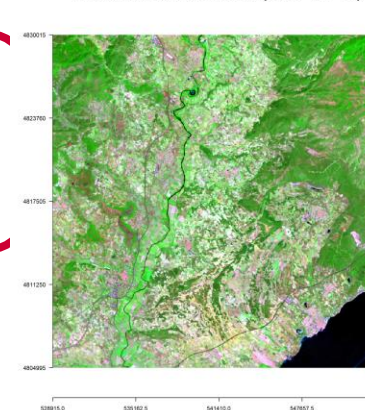
Données Landsat

Méthode de contouring des surfaces incendiées

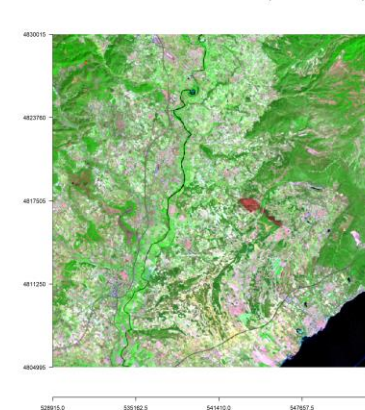
Outils développées par Dr Nikos Koutsias



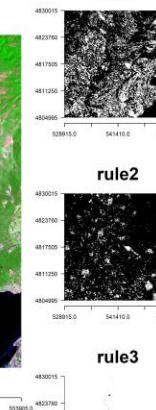
Landsat LC08 Pre-fire (2017-07-16)



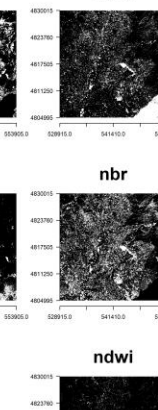
Landsat LC08 Post-fire (2017-08-17)



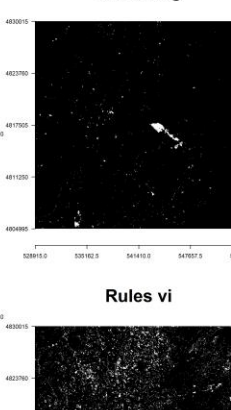
rule1



ndvi



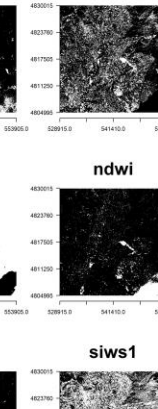
Rules orig



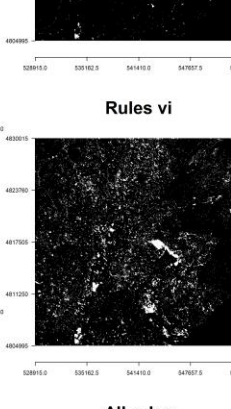
rule2



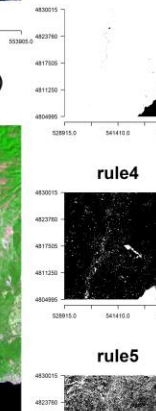
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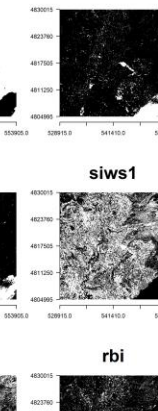
Rules vi



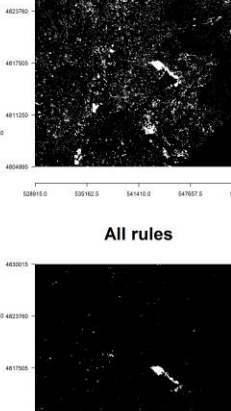
rule3



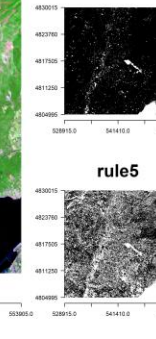
ndwi



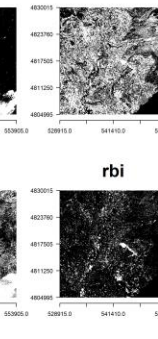
All rules



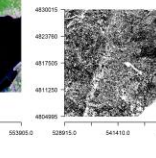
rule4



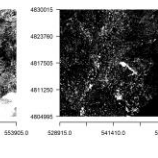
siws1



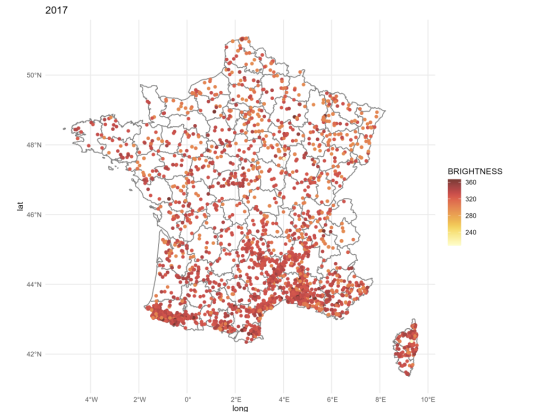
rule5



rbi





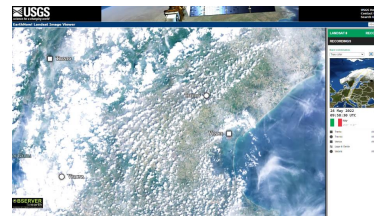
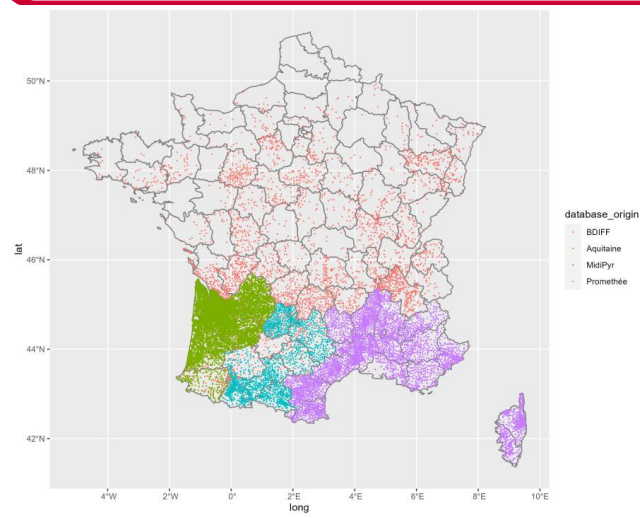


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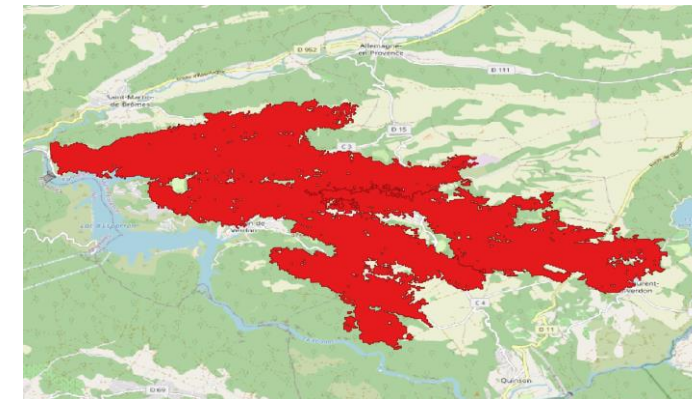
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Images satellites de la couverture de sol

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Données Landsat



Méthode de nettoyage semi-automatique pour les feux > 30ha

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Travaux réalisé par Catherine T. Lauvaux

Méthode de contouring des surfaces incendiées

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Outils développés par Dr Nikos Koutsias

Autre méthode de nettoyage  
- Croisement avec des d'occupation des sols (CORINE LC)  
- Machine Learning ?

