

Master Géographie, aménagement, environnement et développement Remote Sensing

Informations

Composante : Faculté des Arts, Lettres, Langues et Sciences Humaines (ALLSH)

Nombre de crédits :

Responsable

Sebastien GADAL (Responsable de l'enseignement)

Langue(s) d'enseignement

Anglais

Contenu

This theoretical and practical course is based on the two previous UEs. It aims to apply practical cases in urban geography and planning the approaches of multi-stage remote sensing based on methods of image processing in machine learning for the identification of geographical objects, the construction of maps of land uses, exposures, risks, predictions, etc.

Compétences à acquérir

- Multi-sensor analysis of remote sensing images for geography and planning applications.
- Artificial intelligence applied to spatial remote sensing
- Spatial analysis and territorial modeling
- Geomapping and geosimulation

Modalités d'organisation

Day-long courses combining theory and practice on case studies, work on operational projects in geography or planning.

Pré-requis obligatoires

Remote sensing theory

Prérequis recommandés

Image processing, Image analysis

VOLUME HORAIRE

- Volume total: 40 heures
- Travaux dirigés: 40 heures

Codes Apogée

- HGAAU39 [ELP]

Pour plus d'informations

[Aller sur le site de l'offre de formation...](#)

