

Professional English-II (2st Week) – Video - Corine Land Cover - 18.02.2019

Some forestry terms:

- Biological diversity: Biyolojik çeşitlilik
- Buffer zone: Tampon zon
- Carrying capacity: Taşıma kapasitesi
- Closed forest: Kapalılığı oluşmuş orman
- Deforestation: Ormansızlaşma
- Endangered species: Tehlike altındaki türler
- Endemic species: Endemik türler
- Felling (cutting): Kesim
- Fragmentation: Parçalılık
- Non-wood products: Odun dışı orman ürünleri
- Old-growth forest: Doğal yaşlı orman
- Plantation forest: Dikim yoluyla getirilmiş orman
- Pollution: Kirlenme
- Pure stand: Saf meşcere
- Mixed stand: Karışık meşcere
- Shrubland: Çalılık
- Infestation: İstila
- Land use: Arazi kullanımı
- Land cover: Arazi örtüsü
- Grassland: Otlak alanı
- Settlement: Yerleşim yeri
- Urban: Şehir
- Environment: Çevre

CORINE Land Cover

The CORINE Land Cover (CLC) inventory was initiated in 1985 (reference year 1990). Updates have been produced in 2000, 2006, 2012, and 2018. It consists of an inventory of land cover in 44 classes. CLC uses a Minimum Mapping Unit (MMU) of 25 hectares (ha) for areal phenomena and a minimum width of 100 m for linear phenomena. The time series are complemented by change layers, which highlight changes in land cover with an MMU of 5 ha. Different MMUs mean that the change layer has higher resolution than the status layer.

The Eionet network National Reference Centres Land Cover (NRC/LC) is producing the national CLC databases, which are coordinated and integrated by EEA. CLC is produced by the majority of countries by visual interpretation of high resolution satellite imagery. In a few countries semi-automatic solutions are applied, using national in-situ data, satellite image processing, GIS integration and generalisation. The 2012 version of CLC was the first one embedding the CLC time series in the Copernicus programme.

CLC has a wide variety of applications, underpinning various Community policies in the domains of environment, but also agriculture, transport, spatial planning etc...

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