

1 TRKBİS.AO Arazi Örtüsü Veri Teması GML

```
<?xml version="1.0" encoding="windows-1252"?><schema
xmlns="http://www.w3.org/2001/XMLSchema"
xmlns:gmd="http://www.isotc211.org/2005/gmd"
xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:ogr="http://ogr.maptools.org" elementFormDefault="qualified"
targetNamespace="http://ogr.maptools.org" version="1.0">

  <import namespace="http://www.opengis.net/gml/3.2"
schemaLocation="http://schemas.opengis.net/gml/3.2.1/gml.xsd"/>

  <import namespace="http://www.isotc211.org/2005/gmd"
schemaLocation="http://schemas.opengis.net/iso/19139/20070417/gmd/gm
d.xsd"/>

  <!--XML Schema document created by ShapeChange-->

  <element name="AraziOrtusuNoktaKapsami"
substitutionGroup="ogr:AraziOrtusuKapsam"
type="ogr:AraziOrtusuNoktaKapsamiType">

    <annotation>

      <documentation>ISO 19123'e tanımlanmış ayrik kapsamaalani detay tipinin
gerçeklestirimi olan detay tipidir.</documentation>

    </annotation>

  </element>

  <complexType name="AraziOrtusuNoktaKapsamiType">

    <complexContent>

      <extension base="ogr:AraziOrtusuKapsamType">

        <sequence/>

      </extension>

    </complexContent>

  </complexType>

</schema>
```

```
</extension>

</complexContent>

</complexType>

<complexType name="AraziOrtusuNoktaKapsamiPropertyType">

  <sequence minOccurs="0">

    <element ref="ogr:AraziOrtusuNoktaKapsami"/>

  </sequence>

  <attributeGroup ref="gml:AssociationAttributeGroup"/>

  <attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>

<element name="SiniflandirmaSistem"
substitutionGroup="gml:AbstractObject" type="ogr:SiniflandirmaSistemType">

  <annotation>

    <documentation>Objelerin sınıflara atanması için sistem [ISO 19144-1].

Siniflandirma, siniflandiricilar kullanarak gerçek dünya olgusunun
(fenomeninin) bir soyut gösterimidir (yani arazideki durumu). Siniflandirma
siniflar arasindaki iliskileri, bu siniflari ayirt etmek için kullanılan tanımlamaları
ve sınıf isimlerini içeren sistematik bir çerçevedir. Bu nedenle siniflandirma,
objektif kritere dayalı olarak ve açık bir şekilde sınıf sınırlarının tanımlanmasını
içermektedir.</documentation>

  </annotation>

</element>

<complexType name="SiniflandirmaSistemType">

  <sequence>
```

```
<element name="gomuluTanim"/>

<element name="kaynak">

  <complexType>

    <complexContent>

      <extension base="gml:AbstractMetadataPropertyType">

        <sequence minOccurs="0">

          <element ref="gmd:CI_Citation"/>

        </sequence>

        <attributeGroup ref="gml:AssociationAttributeGroup"/>

      </extension>

    </complexContent>

  </complexType>

</element>

<element name="tucbsNo" type="gml:NesneTanimlayiciPropertyType"/>

</sequence>

</complexType>

<complexType name="SiniflandirmaSistemPropertyType">

  <sequence>

    <element ref="ogr:SiniflandirmaSistem"/>

  </sequence>

</complexType>
```

```
<element name="KiyiTipDegeri" substitutionGroup="gml:AbstractGML"  
type="ogr:KiyiTipDegeriType">
```

```
<annotation>
```

```
<documentation>Kiyi tip degerlerinin verildigi kod-  
listesidir.</documentation>
```

```
</annotation>
```

```
</element>
```

```
<complexType name="KiyiTipDegeriType">
```

```
<complexContent>
```

```
<extension base="gml:AbstractGMLType">
```

```
<sequence>
```

```
<element name="cakil" type="gml:eaxmiid16PropertyType"/>
```

```
<element name="camur" type="gml:eaxmiid16PropertyType"/>
```

```
<element name="iriCakil" type="gml:eaxmiid16PropertyType"/>
```

```
<element name="kaya" type="gml:eaxmiid16PropertyType"/>
```

```
<element name="kilToprak" type="gml:eaxmiid16PropertyType"/>
```

```
<element name="kum" type="gml:eaxmiid16PropertyType"/>
```

```
<element name="inceCakil" type="gml:eaxmiid16PropertyType"/>
```

```
</sequence>
```

```
</extension>
```

```
</complexContent>
```

```
</complexType>
```

```
<complexType name="KiyiTipDegeriPropertyType">
  <sequence minOccurs="0">
    <element ref="ogr:KiyiTipDegeri"/>
  </sequence>
  <attributeGroup ref="gml:AssociationAttributeGroup"/>
  <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>

<element name="AraziOrtusuNesnesi"
substitutionGroup="gml:AbstractFeature"
type="ogr:AraziOrtusuNesnesiType">
  <annotation>
    <documentation>Arazi örtüsünün gözlemlendiği yerdeki mekansal obje
(nokta veya poligon).</documentation>
  </annotation>
</element>

<complexType name="AraziOrtusuNesnesiType">
  <complexContent>
    <extension base="gml:AbstractFeatureType">
      <sequence>
        <element maxOccurs="unbounded" name="siniflandirmaDegeri"
type="gml:AraziOrtusuSiniflariPropertyType"/>
        <element name="siniflandirmaMozaigi"
type="gml:AraziOrtusuMozaikPropertyType"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>
```

```
<element name="kbsNo" type="gml:NesneTanimlayiciPropertyType"/>
<element name="versiyonBaslangicTarihi" type="dateTime"/>
<element minOccurs="0" name="versiyonBitisTarihi" type="dateTime"/>
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="AraziOrtusuNesnesiPropertyType">
<sequence minOccurs="0">
<element ref="ogr:AraziOrtusuNesnesi"/>
</sequence>
<attributeGroup ref="gml:AssociationAttributeGroup"/>
<attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<simpleType name="SinifDegerleriType">
<annotation>
<documentation>Tanımlama degerlerinin verildigi kod-listesidir. Deger kod-
listesi ve tanımlayıcı degerleri ilgili veri teması tanıtım dokümanı içerisinde
ifade edilmiştir.</documentation>
</annotation>
<union memberTypes="ogr:SinifDegerleriEnumerationType
ogr:SinifDegerleriOtherType"/>
</simpleType>
```

```
<simpleType name="SinifDegerleriEnumerationType">  
  
  <annotation>  
  
    <documentation>Tanımlama degerlerinin verildigi kod-listesidir. Deger kod-  
listesi ve tanımlayıcı degerleri ilgili veri temasi tanitim dokümanı içerisinde  
ifade edilmistir.</documentation>  
  
  </annotation>  
  
  <restriction base="string"/>  
  
</simpleType>  
  
<simpleType name="SinifDegerleriOtherType">  
  
  <restriction base="string">  
  
    <pattern value="other: \w{2,}"/>  
  
  </restriction>  
  
</simpleType>  
  
<element name="AraziOrtusuMozaik"  
substitutionGroup="gml:AbstractObject" type="ogr:AraziOrtusuMozaikType">  
  
  <annotation>  
  
    <documentation>Mozaik:&lt;b&gt; &lt;/b&gt; Bir uzayın aynı boyutlara sahip  
birbirine komşu alt uzaylara bölünmesi [ISO 19123].  
  
2 boyutlu bir uzayda bir mozaik ilgilenen bölgeyi tamamen kapsayan üst üste  
binmeyen poligonlar kümesinden oluşur.</documentation>  
  
  </annotation>  
  
</element>  
  
<complexType name="AraziOrtusuMozaikType">
```

```
<sequence>

  <element name="siniflandirmaSistem"
type="ogr:SiniflandirmaSistemPropertyType"/>

  <element maxOccurs="unbounded" name="mozaikEleman"
type="ogr:AraziOrtusuMozaikElemanPropertyType"/>

  <element name="gozlemTarihi" type="date"/>

</sequence>

</complexType>

<complexType name="AraziOrtusuMozaikPropertyType">

  <sequence>

    <element ref="ogr:AraziOrtusuMozaik"/>

  </sequence>

</complexType>

<element name="AraziOrtusuSiniflari"
substitutionGroup="gml:AbstractObject" type="ogr:AraziOrtusuSiniflariType">

  <annotation>

    <documentation>Siniflandirma degerleri ve gözlem tarihi özelliklerinin
tanimlandigi detay tipleridir.</documentation>

  </annotation>

</element>

<complexType name="AraziOrtusuSiniflariType">

  <sequence>
```



```
<element name="siniflandirmaSistem"
type="ogr:SiniflandirmaSistemPropertyType"/>

<element name="deger" type="gml:SinifDegerleriPropertyType"/>

<element name="degerNo"
type="gml:SinifDegerTanimlayiciPropertyType"/>

<element name="gozlemTarihi" type="date"/>

</sequence>

</complexType>

<complexType name="AraziOrtusuSiniflariPropertyType">

<sequence>

<element ref="ogr:AraziOrtusuSiniflari"/>

</sequence>

</complexType>

<element name="AraziOrtusuMozaikEleman"
substitutionGroup="gml:AbstractObject"
type="ogr:AraziOrtusuMozaikElemanType">

<annotation>

<documentation>Bir uzayin ayni boyutlara sahip birbirine komsu alt
uzaylara bölünmesi [ISO 19123].

2 boyutlu bir uzayda bir mozaik ilgilenen bölgeyi tamamen kapsayan üst üste
binmeyen poligonlar kümesinden oluşur.</documentation>

</annotation>

</element>

<complexType name="AraziOrtusuMozaikElemanType">
```

```
<sequence>

  <element name="araziOrtusuKapsamaOrani" type="integer"/>

  <element name="deger" type="gml:SinifDegerleriPropertyType"/>

  <element name="degerNo"
type="gml:SinifDegerTanimlayiciPropertyType"/>

</sequence>

</complexType>

<complexType name="AraziOrtusuMozaikElemanPropertyType">

  <sequence>

    <element ref="ogr:AraziOrtusuMozaikEleman"/>

  </sequence>

</complexType>

  <element name="GeometrikDegerTipleri"
substitutionGroup="gml:AbstractObject"
type="ogr:GeometrikDegerTipleriType">

  <annotation>

    <documentation>Kapsama alanlarinin geometrik detay tiplerinin
belirlendigi kod-listesidir.</documentation>

  </annotation>

</element>

<complexType name="GeometrikDegerTipleriType">

  <sequence>

    <element name="deger">
```

```
<complexType>
  <complexContent>
    <extension base="gml:AbstractMemberType">
      <sequence minOccurs="0">
        <element ref="gml:AbstractObject"/>
      </sequence>
      <attributeGroup ref="gml:AssociationAttributeGroup"/>
    </extension>
  </complexContent>
</complexType>
</element>
<element name="geometri">
  <complexType>
    <complexContent>
      <extension base="gml:AbstractMemberType">
        <sequence minOccurs="0">
          <element ref="gml:AbstractObject"/>
        </sequence>
        <attributeGroup ref="gml:AssociationAttributeGroup"/>
      </extension>
    </complexContent>
  </complexType>
```

```
</element>

</sequence>

</complexType>

<complexType name="GeometrikDegerTipleriPropertyType">

  <sequence>

    <element ref="ogr:GeometrikDegerTipleri"/>

  </sequence>

</complexType>

<element name="AyrikKapsamaAlani"
substitutionGroup="gml:AbstractFeature"
type="ogr:AyrikKapsamaAlaniType">

  <annotation>

    <documentation>Kendi domaininde herhangi bir mekansal objenin,
zamansal objenin veya mekansal-zamansal objenin her bir direk pozisyonu için
ayni öznitelik degerlerine döndüğü kapsama alanı [ISO 19123].

NOT: Ayrik kapsama alaninin domaini sinirli sayıda mekansal, zamansal veya
mekansal-zamansal objeleri içerir. </documentation>

  </annotation>

</element>

<complexType name="AyrikKapsamaAlaniType">

  <complexContent>

    <extension base="gml:AbstractFeatureType">

      <sequence>
```

```
<element maxOccurs="unbounded" name="alanUzantisi">
  <complexType>
    <complexContent>
      <extension base="gml:AbstractMetadataPropertyType">
        <sequence minOccurs="0">
          <element ref="gmd:EX_Extent"/>
        </sequence>
        <attributeGroup ref="gml:AssociationAttributeGroup"/>
      </extension>
    </complexContent>
  </complexType>
</element>

<element maxOccurs="unbounded" minOccurs="0" name="eleman"
type="gml:GeometrikDegerTipleriPropertyType"/>
</sequence>
</extension>
</complexContent>
</complexType>
<complexType name="AyrikKapsamaAlaniPropertyType">
  <sequence minOccurs="0">
    <element ref="ogr:AyrikKapsamaAlani"/>
  </sequence>
```

```
<attributeGroup ref="gml:AssociationAttributeGroup"/>
<attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<simpleType name="SinifDegerTanimlayiciType">
  <annotation>
    <documentation>Tanımlama degerlerinin verildigi kod-listesidir. Deger kod-
    listesi ve tanimlayici degerleri ilgili veri temasi tanitim dokümani içerisinde
    ifade edilmistir.</documentation>
  </annotation>
  <union memberTypes="ogr:SinifDegerTanimlayiciEnumerationType
  ogr:SinifDegerTanimlayiciOtherType"/>
</simpleType>
<simpleType name="SinifDegerTanimlayiciEnumerationType">
  <annotation>
    <documentation>Tanımlama degerlerinin verildigi kod-listesidir. Deger kod-
    listesi ve tanimlayici degerleri ilgili veri temasi tanitim dokümani içerisinde
    ifade edilmistir.</documentation>
  </annotation>
  <restriction base="string"/>
</simpleType>
<simpleType name="SinifDegerTanimlayiciOtherType">
  <restriction base="string">
    <pattern value="other: \w{2,}"/>
  </restriction>
</simpleType>
```

```
</restriction>

</simpleType>

<element name="AraziOrtusuYuzeyKapsami"
substitutionGroup="ogr:AraziOrtusuKapsam"
type="ogr:AraziOrtusuYuzeyKapsamiType">

  <annotation>

    <documentation>ISO 19123'e tanımlanmış ayrik kapsamaalani detay tipinin
gerçeklestirimi olan detay tipidir.</documentation>

  </annotation>

</element>

<complexType name="AraziOrtusuYuzeyKapsamiType">

  <complexContent>

    <extension base="ogr:AraziOrtusuKapsamType">

      <sequence/>

    </extension>

  </complexContent>

</complexType>

<complexType name="AraziOrtusuYuzeyKapsamiPropertyType">

  <sequence minOccurs="0">

    <element ref="ogr:AraziOrtusuYuzeyKapsami"/>

  </sequence>

  <attributeGroup ref="gml:AssociationAttributeGroup"/>

  <attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>
```

```
</complexType>

<element name="AraziOrtusuKapsam"
substitutionGroup="ogr:AyrikKapsamaAlani"
type="ogr:AraziOrtusuKapsamType">

  <annotation>

    <documentation>Ayrik kapsamaalani detay tipinin ISO 19123'e
gerçeklestirlmesini saglayan detay tipidir.</documentation>

  </annotation>

</element>

<complexType name="AraziOrtusuKapsamType">

  <complexContent>

    <extension base="ogr:AyrikKapsamaAlaniType">

      <sequence>

        <element maxOccurs="unbounded" name="sistem"
type="ogr:SiniflandirmaSistemPropertyType" />

        <element name="kapsamaAdi" type="string" />

        <element maxOccurs="unbounded" minOccurs="0" name="metadata">

          <complexType>

            <complexContent>

              <extension base="gml:AbstractMemberType">

                <sequence minOccurs="0">

                  <element ref="gml:AbstractObject" />

                </sequence>

            </complexContent>

          </complexType>

        </element>

      </sequence>

    </extension>

  </complexContent>

</complexType>
```



```
<attributeGroup ref="gml:AssociationAttributeGroup"/>

</extension>

</complexContent>

</complexType>

</element>

<element name="tucbsNo" type="gml:NesneTanimlayiciPropertyType"/>

<element name="versiyonBaslangicTarihi" type="dateTime"/>

<element minOccurs="0" name="versiyonBitisTarihi" type="dateTime"/>

</sequence>

</extension>

</complexContent>

</complexType>

<complexType name="AraziOrtusuKapsamPropertyType">

<sequence minOccurs="0">

<element ref="ogr:AraziOrtusuKapsam"/>

</sequence>

<attributeGroup ref="gml:AssociationAttributeGroup"/>

<attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>

</schema>
```