1 TRKBİS.SK Su Kütlesi Veri Teması GML

```xml
<?xml version="1.0" encoding="windows-1252"?><schema
xmlns="http://www.w3.org/2001/XMLSchema"
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"/>

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

  <element name="SuKutlesi" substitutionGroup="gml:AbstractFeature"
type="ogr:SuKutlesiType">

    <annotation>

      <documentation>Su yapilari hakkinda en genel özelliklerin ifade edildigi
detay tipidir.</documentation>

    </annotation>

  </element>

  <complexType name="SuKutlesiType">

    <complexContent>

      <extension base="gml:AbstractFeatureType">

        <sequence>

          <element maxOccurs="unbounded" minOccurs="0" name="suSinir"
type="ogr:SuSinirYuzeyiPropertyType"/>

          <element minOccurs="0" name="sinif"
type="gml:SuKutlesiSinifTipiPropertyType"/>
```

```xml
		<element maxOccurs="unbounded" minOccurs="0" name="fonksiyon" type="gml:SuKutlesiFonksiyonTipiPropertyType"/>

		<element maxOccurs="unbounded" minOccurs="0" name="kullanim" type="gml:SuKutlesiKullanimTipiPropertyType"/>

		<element name="geometri" type="gml:SolidPropertyType"/>

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

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

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

	  </sequence>

	</extension>

  </complexContent>

</complexType>

<complexType name="SuKutlesiPropertyType">

  <sequence minOccurs="0">

	<element ref="ogr:SuKutlesi"/>

  </sequence>

  <attributeGroup ref="gml:AssociationAttributeGroup"/>

  <attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>

<simpleType name="SuKutlesiKullanimTipiType">

  <annotation>

	<documentation>Güncel, asil kullanim</documentation>
```

```xml
    </annotation>

    <union memberTypes="ogr:SuKutlesiKullanimTipiEnumerationType
ogr:SuKutlesiKullanimTipiOtherType"/>

  </simpleType>

  <simpleType name="SuKutlesiKullanimTipiEnumerationType">

   <annotation>

    <documentation>Güncel, asil kullanim</documentation>

   </annotation>

   <restriction base="string">

    <enumeration value="dogalBarinak"/>

    <enumeration value="eglenceSporTesisi"/>

    <enumeration value="icmeSuyuKaynagi"/>

    <enumeration value="hidroelektrikSuKaynagi"/>

    <enumeration value="uluslarasiSuLojistik"/>

    <enumeration value="ulusalSuLojistik"/>

    <enumeration value="atikSu"/>

    <enumeration value="liman"/>

    <enumeration value="rihtim"/>

    <enumeration value="halkaAcikKullanim"/>

    <enumeration value="ozelKullanim"/>

    <enumeration value="endustriyelKullanim"/>

    <enumeration value="askeriKullanim"/>
```

```xml
                <enumeration value="madencilikSondaj"/>

                <enumeration value="tarimsalSulama"/>

                <enumeration value="balikCiftligi"/>

                <enumeration value="arkeolojikSitAlani"/>

                <enumeration value="suKorumaAlani"/>

                <enumeration value="kullanilmayanSuAlani"/>

                <enumeration value="diger"/>

            </restriction>

        </simpleType>

        <simpleType name="SuKutlesiKullanimTipiOtherType">

            <restriction base="string">

                <pattern value="other: \w{2,}"/>

            </restriction>

        </simpleType>

        <element name="SuZeminYuzeyi" substitutionGroup="ogr:SuSinirYuzeyi"
type="ogr:SuZeminYuzeyiType">

            <annotation>

                <documentation>Su ile zemin (yer) arasindaki siniri ifade
eder.</documentation>

            </annotation>

        </element>

        <complexType name="SuZeminYuzeyiType">
```

```xml
<complexContent>

  <extension base="ogr:SuSinirYuzeyiType">

    <sequence/>

  </extension>

</complexContent>

</complexType>

<complexType name="SuZeminYuzeyiPropertyType">

  <sequence minOccurs="0">

    <element ref="ogr:SuZeminYuzeyi"/>

  </sequence>

  <attributeGroup ref="gml:AssociationAttributeGroup"/>

  <attributeGroup ref="gml:OwnershipAttributeGroup"/>

</complexType>

<simpleType name="SuKutlesiFonksiyonTipiType">

  <annotation>

    <documentation>Su kütlesi fonksiyonu.</documentation>

  </annotation>

  <union memberTypes="ogr:SuKutlesiFonksiyonTipiEnumerationType
ogr:SuKutlesiFonksiyonTipiOtherType"/>

</simpleType>

<simpleType name="SuKutlesiFonksiyonTipiEnumerationType">

  <annotation>
```

```xml
            <documentation>Su kütlesi fonksiyonu.</documentation>

        </annotation>

        <restriction base="string">

            <enumeration value="dogalBarinak"/>

            <enumeration value="korunanSuKutlesi"/>

            <enumeration value="baraj"/>

            <enumeration value="suSeti"/>

            <enumeration value="taskinOvasi"/>

            <enumeration value="suYolu"/>

            <enumeration value="denizBolum"/>

            <enumeration value="suBendi"/>

            <enumeration value="kanalizasyonSistemi"/>

            <enumeration value="halkaAcikYuzmeAlani"/>

            <enumeration value="halkaAcikPinar"/>

            <enumeration value="sulamaAlani"/>

            <enumeration value="endustriyelSuKutlesi"/>

            <enumeration value="yanginSondurmeAmacliSuKutlesi"/>

            <enumeration value="diger"/>

        </restriction>

    </simpleType>

    <simpleType name="SuKutlesiFonksiyonTipiOtherType">

        <restriction base="string">
```

```xml
      <pattern value="other: \w{2,}"/>

    </restriction>

  </simpleType>

  <simpleType name="SuSeviyesiTipiType">

    <union memberTypes="ogr:SuSeviyesiTipiEnumerationType
ogr:SuSeviyesiTipiOtherType"/>

  </simpleType>

  <simpleType name="SuSeviyesiTipiEnumerationType">

   <restriction base="string">

    <enumeration value="ortalamaDenizSeviyesi"/>

    <enumeration value="astronomikGelGit"/>

    <enumeration value="ulusalSuSeviyesi"/>

    <enumeration value="ortalamaGelGit"/>

    <enumeration value="asiriGelGit"/>

    <enumeration value="ortalamaSuSeviyesi"/>

    <enumeration value="kritikYukseklktekiSuSeviyesi"/>

    <enumeration value="enYuksekSuSeviyesi"/>

    <enumeration value="enAlcakSuSeviyesi"/>

    <enumeration value="kritikAlcakSuSeviyesi"/>

    <enumeration value="ulasimaUygunSuSiniri"/>

    <enumeration value="diger"/>

   </restriction>
```

COĞRAFİ BİLGİ SİSTEMLERİ GENEL MÜDÜRLÜĞÜ

```xml
</simpleType>

<simpleType name="SuSeviyesiTipiOtherType">

  <restriction base="string">

   <pattern value="other: \w{2,}"/>

  </restriction>

</simpleType>

<element name="SuSinirYuzeyi" substitutionGroup="gml:AbstractFeature"
type="ogr:SuSinirYuzeyiType">

  <annotation>

   <documentation>Su yüzeyinin özel bir fonksiyonu olarak tanimlanmis bir
kaplama olarak tanimlanmis detay tipidir. </documentation>

  </annotation>

</element>

<complexType name="SuSinirYuzeyiType">

  <complexContent>

   <extension base="gml:AbstractFeatureType">

    <sequence>

     <element minOccurs="0" name="geometri"
type="gml:SurfacePropertyType"/>

    </sequence>

   </extension>

  </complexContent>

</complexType>
```

COĞRAFİ BİLGİ SİSTEMLERİ GENEL MÜDÜRLÜĞÜ

```xml
<complexType name="SuSinirYuzeyiPropertyType">

  <sequence minOccurs="0">

   <element ref="ogr:SuSinirYuzeyi"/>

  </sequence>

  <attributeGroup ref="gml:AssociationAttributeGroup"/>

  <attributeGroup ref="gml:OwnershipAttributeGroup"/>

 </complexType>

 <simpleType name="SuKutlesiSinifTipiType">

  <annotation>

    <documentation>Su kitlesi ile iliskili nesnelerin siniflandirlmis
halidir.</documentation>

   </annotation>

   <union memberTypes="ogr:SuKutlesiSinifTipiEnumerationType
ogr:SuKutlesiSinifTipiOtherType"/>

 </simpleType>

 <simpleType name="SuKutlesiSinifTipiEnumerationType">

  <annotation>

    <documentation>Su kitlesi ile iliskili nesnelerin siniflandirlmis
halidir.</documentation>

   </annotation>

   <restriction base="string">

    <enumeration value="deniz"/>

    <enumeration value="gelGitliSuKutlesi"/>
```

COĞRAFİ BİLGİ SİSTEMLERİ GENEL MÜDÜRLÜĞÜ

```xml
<enumeration value="suYolu"/>

<enumeration value="nehirAkarsu"/>

<enumeration value="sulamaKanali"/>

<enumeration value="suKaynagi"/>

<enumeration value="gol"/>

<enumeration value="nehirKolu"/>

<enumeration value="durgunSuKutlesi"/>

<enumeration value="selale"/>

<enumeration value="akintiliNehir"/>

<enumeration value="bataklik"/>

<enumeration value="kisaOmurluSuYolu"/>

<enumeration value="suBaskinAlani"/>

<enumeration value="yapaySuKutlesi"/>

<enumeration value="suKemeri"/>

<enumeration value="kanal"/>

<enumeration value="limanHavzasi"/>

<enumeration value="suDeposu"/>

<enumeration value="hendek"/>

<enumeration value="havuz"/>

<enumeration value="pinarKaynak"/>

<enumeration value="kuyu"/>

<enumeration value="duden"/>
```

```xml
          <enumeration value="sarnic"/>

          <enumeration value="diger"/>

        </restriction>

     </simpleType>

     <simpleType name="SuKutlesiSinifTipiOtherType">

       <restriction base="string">

         <pattern value="other: \w{2,}"/>

       </restriction>

     </simpleType>

     <element name="SuYuzeyi" substitutionGroup="ogr:SuSinirYuzeyi"
type="ogr:SuYuzeyiType">

       <annotation>

         <documentation>Su ile havayi birbirinden ayiran siniri ifade
eder.</documentation>

       </annotation>

     </element>

     <complexType name="SuYuzeyiType">

       <complexContent>

         <extension base="ogr:SuSinirYuzeyiType">

          <sequence>

            <element minOccurs="0" name="suSeviyesi"
type="gml:SuSeviyesiTipiPropertyType"/>

          </sequence>
```

```
        </extension>

      </complexContent>

    </complexType>

    <complexType name="SuYuzeyiPropertyType">

      <sequence minOccurs="0">

        <element ref="ogr:SuYuzeyi"/>

      </sequence>

      <attributeGroup ref="gml:AssociationAttributeGroup"/>

      <attributeGroup ref="gml:OwnershipAttributeGroup"/>

    </complexType>

    <element name="SuKapanmaYuzeyi" substitutionGroup="ogr:SuSinirYuzeyi"
type="ogr:SuKapanmaYuzeyiType">

      <annotation>

        <documentation>Su kütleleri arasindaki veya ayni sü kütlesi içindeki sanal
sinirlar belirlemek için olusturulmus detay tipidir. Modellenen su kütlesi ile
modellenmeyen kisim arasindaki sinirda bu detay tipiyle ifade
edilebilir.</documentation>

      </annotation>

    </element>

    <complexType name="SuKapanmaYuzeyiType">

      <complexContent>

        <extension base="ogr:SuSinirYuzeyiType">

          <sequence/>
```

```xml
        </extension>

      </complexContent>

    </complexType>

    <complexType name="SuKapanmaYuzeyiPropertyType">

      <sequence minOccurs="0">

        <element ref="ogr:SuKapanmaYuzeyi"/>

      </sequence>

      <attributeGroup ref="gml:AssociationAttributeGroup"/>

      <attributeGroup ref="gml:OwnershipAttributeGroup"/>

    </complexType>

  </schema>
```