3.1.1.3 Salvare il lavoro attivo

Ipotesi Dati presenti nella cartella ECDLGIS_SYLLABUS (con il seguente percorso: C:\GISeQGIS_DATI\ECDLGIS_SYLLABUS)

Vogliamo caricare i layer vettoriali poligonali dei confini dei comuni (*COMUNI_1991_2011*), delle aree che perimetrano i centri abitati dei comuni (*CentriABITATI*) e il layer puntuale della posizione dei municipi comunali (*PuntiCOMUNI*) della regione Toscana e salvare il lavoro per futuri riutilizzi con il nome *Centri Comuni Municipi*.

Un modo diretto per fare i caricamenti e visualizzare i risultati nell'area mappa è quello di utilizzare il **Pannello Browser**. Cliccando 2 volte su ogni selezione di layer effettuata nell'albero dei layer, si ottiene:



da notare che la visualizzazione può essere diversa sia per le simbologie e i colori sia sopra tutto in funzione dell'ordine di caricamento dei layer, ad esempio se si carica per primo *PuntiCOMUNI.shp*, poi *CentriABITATI.shp* e quindi *COMUNI_1991.shp* si otterrebbe:



si vedrebbe solo il layer dei comuni. Questo accade perché se non sono attivate trasparenze i layer si ricoprono, il penultimo ricopre il primo e l'ultimo ricopre il primo e il secondo. E' sempre possibile alterare la gerarchia di visualizzazione: ad esempio se nella ultima configurazione si vogliono rendere di nuovo visibili i punti di *PuntiCOMUNI* si posiziona nel pannello Layer il mouse su tale layer e

tenendo premuto il tasto sinistro del mouse lo si sposta in alto come primo layer della catasta, si ottiene:



ora sono i Centri abitati che non son visibili.

Quanto elaborato avviene in memoria temporanea in un'area che si chiama (vedi scritta in alto a sinistra) Q *Progetto Senza Titolo – QGIS Ipotizziamo di voler salvare il lavoro fatto in questa configurazione, in Barra dei Menu selezionare **Progetto > Salva con Nome...**:



salviamo nella cartella GISeQGIS PROGETTI/PG ECDLGIS SYLLABUS con il nome PG SYL Centri Comuni Municipi :

Q Salva Progetto con nome						1	×	
\leftrightarrow \rightarrow \checkmark \uparrow	> Questo PC > Disco locale (C:) > GISeQGIS_PROGETTI > PG_ECDLGIS_SYLLABUS	~	Ū	Q	Cerca in PG	ECDLGIS	SYLLA]
Nome file:	PG_SYL_Centri_Comuni_Municipi							~
Salva come:	File QGZ (*.qgz)							~
♥ Sfoglia cartelle					Salva	Anr	ulla	

RIFERIMENTO: AICA ECDLGIS Syllabus Modulo 3 QGIS - 3.1 Concetti generali - 3.1.1 Primi passi con un'applicazione GIS - 3.1.1.3 Salvare il lavoro attivo

si crea il file PG_SYL_Centri_Comuni_Municipi.qgz in GISeQGIS_PROGETTI/PG_ECDLGIS_SYLLABUS, (tale file è la versione compressa del file PG_SYL_Centri_Comuni_Municipi.qgs), il salvataggio cambia la scritta in alto a sinistra con il nome scelto per il Progetto:



Se si apre - ad esempio con *Notepad* - il file *Centri_Comuni_Municipi.qgs* si può notare che è un **file xml** con una serie di definizioni per memorizzare le opzioni e le scelte in essere ma non ci sono i dati per i quali c'è solo l'indirizzamento. Attenzione quindi che spostando i dati in altra cartella li si dovrà ricercare per riassociarli al Progetto.

Listato parziale del file Centri Comuni Municipi.qgs:

<!DOCTYPE agis PUBLIC 'http://mrcc.com/agis.dtd' 'SYSTEM'> cqgis saveUserFull="Giuseppe Mattiozzi" projectname= saveDateTime="2023-05-08T18:25:26" version="3.28.5-Firenze" saveUser="mattiozzi"> <homePath path=""/> <title></title> <transaction mode="Disabled"/> <projectFlags set=""/> <projectCrs> <spatialrefsys nativeFormat="Wkt"> swkt>PROJCRS["Monte Mario / Italy zone 1",BASEGEOGCRS["Monte Mario",DATUM["Monte Mario",ELLIPSOID["International <authid>EPSG:3003</authid> <description>Monte Mario / Italy zone 1</description> <projectionacronym>tmerc</projectionacronym> <ellipsoidacronym>EPSG:7022</ellipsoidacronym> <geographicflag>false</geographicflag> </spatialrefsys> </projectCrs> <layer-tree-group <customproperties> <Option/> </customproperties> -layer-tex-layer expanded="1" patch_size="-1,-1" legend_split_behavior="0" name="PuntiCOMUNI" providerKey="ogr" id="PuntiCOMUNI_d8cb8af6_4a10_4fa6_97c6_ab3f018a577a" legend_exp="" source=".././GISeQGIS_DATI/ECDLGIS_SYLLABUS/PuntiCOMUNI.shp" checked="Qt::Checked"> <customproperties> <Option/> </customproperties> </layer-tree-layer> <layer-tree-layer expanded="1" patch_size="-1,-1" legend_split_behavior="0" name="COMUNI_1991_2011" providerKey="ogr" id="COMUNI_1991_2011_d18185c9_49e9_44b5_82ba_678b1da594dc" legend_exp="" source="../../GISeQGIS_DATI/ECDLGIS_SYLLABUS/COMUNI_1991_2011.shp" checked="Qt::Checked"> <customproperties> <Option/> </customproperties> </layer-tree-layer> 'auy-intc-ayer
'auy-intc-ayer <customproperties> <Option/> </customproperties </layer-tree-layer> <custom-order enabled="0";</pre> <item>CentriABITATI_1991_5b952747_980b_4c32_a0ff_175e3671aa0a</item>

😳 👀 🔄 🍢 www.giseqgis.it - (2023)

<item>COMUNI 1991 2011 d18f85c9 49e9 44b5 82ba 678b1da594dc</item>

<item>PuntiCOMUNI_d8cb8af6_4a10_4fa6_97c6_ab3f018a577a</item

</custom-order>

</layer-tree-group>

super new group
(snapping-settings minScale="0" self-snapping="0" scaleDependencyMode="0" mode="2" enabled="0" maxScale="0" intersection-snapping="0" type="0" tolerance="12" unit="1">
(individual-layer-settings)
(ayer-setting minScale="0" enabled="0" maxScale="0" id="COMUNI_1991_2011_d18f85c9_49e9_44b5_82ba_678b1da594de" units="1" type="0" tolerance="12"/>

- clayer-setting minScale="0" enabled="0" maxScale="0" id="PuntiCOMUNI_I8tb8af6_4a10_4fa6_97c6_ab3f018a577a" units="1" type="0" iderance="12"/> <layer-setting minScale="0" enabled="0" maxScale="0" id="PuntiCOMUNI_I8tb8af6_4a10_4fa6_97c6_ab3f018a577a" units="1" type="0" iderance="12"/> <layer-setting minScale="0" enabled="0" maxScale="0" id="CentriABITATI_1991_5b952747_980b_4c32_a0ff_175e3671aa0a" units="1" type="0" iderance="12"/>
- </individual-layer-settings>

</snapping-settings> <relations/

claubils; <ppre>/>
/>
<mpcompconvas name="theMapCanvas" annotationsVisible="1">

<units>meters</units>

<extent> <xmin>1549326.18110695504583418</xmin>

<ymin>4672151.33450477849692106</ymin>
<xmax>1777076.37330761994235218</xmax>

<ymax>4930947.23748055938631296/ymax>

</extent>

<rotation>0</rotation>

<destinationsrs>

<spatialrefsys nativeFormat="Wkt">

cmid>loss,sis,sis,rior,right Else, soogj <vkp cmid>loss,sis,rior,right Else, soogj <vkp srid>loss,sid <srid>loss,sid>loss,sid> <srid>loss,sid>loss,sid> <authid>EPSG:3003</authid>

<description>Monte Mario / Italy zone 1</description>

clipsoidacronym>EPSG:7022/// Lipsoidacronym>

<geographicflag>false</geographicflag>

</spatialrefsvs>

</destinationsrs> <rendermaptile>0</rendermaptile>

<expressionContextScope/>

</mapcanvas>

<projectModels/> <legend updateDrawingOrder="true">

egendlayer open="true" showFeatureCount="0" name="PuntiCOMUNI" drawingOrder="-1" checked="Qt::Checked"> <filegroup hidden="false" open="true">

<leendlaverfile isInOverview="0" laverid="PuntiCOMUNI d8cb8af6 4a10 4fa6 97c6 ab3f018a577a" visible="1"/>

</filegroup> </legendlaver>

clegendlaycopen="true" showFeatureCount="0" name="COMUNI_1991_2011" drawingOrder="-1" checked="Qt::Checked">
<filegendlaycopen="true" showFeatureCount="0" name="COMUNI_1991_2011" drawingOrder="-1" checked="Qt::Checked">
<filegendlaycopen="true" showFeatureCount="0" name="COMUNI_1991_2011" drawingOrder="-1" checked="Qt::Checked">
</filegendlaycopen="true" showFeatureCount="0" name="COMUNI_1991_2011" drawingOrder="-1" checked="Qt::Checked"> <legendlayer open=

<legendlayerfile isInOverview="0" layerid="COMUNI_1991_2011_d18f85c9_49e9_44b5_82ba_678b1da594dc" visible="1"/>

</filegroup> </legendlayer>

</righted>legendlayer open="true" showFeatureCount="0" name="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"></righted="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"></righted="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"></righted="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"></righted="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"</right="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"</right="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"</right="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"></right="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"</right="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"></right="CentriABITATI_1991" drawingOrder="-1" checked="Qt::Checked"</right="CentriABITATI_1991" drawingOrder="-1" drawingOrder=

segendayer open "tue" and show the categorithe "o name" of na of name" o

</filegroup> </legendlayer>

</legend>

<mapViewDocks/>

<mapcanvas name="mAreaCanvas" annotationsVisible="1"> <units>degrees</units>

<extent>

<xmin>0</xmin> <ymin>0</ymin>

<xmax>0</xmax>

<ymax>0</ymax>

</extent>

<rotation>0</rotation>

<destinationsrs>

Sectimeters nativeFormat="Wkt">
<wkt>GEOGCRS["WGS 84",ENSEMBLE["World Geodetic System 1984 ensemble",MEMBER["World Geodetic System 1984 (Transit)"],MEMBER["World Geodetic System 1984 (G730)"],MEMBER["World

<authid>EPSG:4326</authid>

<description>WGS 84</description>

<projectionacronym>longlat</projectionacronym> <ellipsoidacronym>EPSG:7030</ellipsoidacronym>

<geographicflag>true</geographicflag>

</spatialrefsys> </destinationsrs>

<rendermaptile>0</rendermaptile> <expressionContextScope/>

</mapcanvas>

<main-annotation-layer refreshOnNotifyEnabled="0" refreshOnNotifyMessage="" legendPlaceholderImage="" autoRefreshTime="0" autoRefreshEnabled="0" type="annotation">

<id>Annotazioni fdf271e9 0d4d 4804 bf54 4a85b29fd5b6</id>

<datasource></datasource>

<keywordList>

<value></value> </keywordList>

<layername>Annotazioni</layername>

<srs>

<spatialrefsys nativeFormat="Wkt"

wk>PROJCRS["Monte Mario / Italy zone 1",BASEGEOGCRS["Monte Mario",DATUM["Monte Mario",ELLIPSOID["International

SwerrKoskos Monte Marto / Italy 2016 1, BASEDUCOURS] Monte Marto / JATUMI / JATUMI MONTE / JATUMI MONTE / JATUMI /

origin",9,ANGLEUNIT["degree",0.0174532925199433],ID["EPSG",8802]],PARAMETER["Scale factor at natural origin",0.9996,SCALEUNIT["unity",1],ID["EPSG",8805]],PARAMETER["False

RIFERIMENTO: AICA ECDLGIS Syllabus Modulo 3 QGIS - 3.1 Concetti generali - 3.1.1 Primi passi con un'applicazione GIS - 3.1.1.3 Salvare il lavoro attivo

<srid>3003</srid> <authid>EPSG:3003</authid> <description>Monte Mario / Italy zone 1</description> <projectionacronym>tmerc</projectionacronym> <ellipsoidacronym>EPSG:7022</ellipsoidacronym> <geographicflag>false</geographicflag> </spatialrefsys> </srs> <resourceMetadata> <identifier></identifier> <parentidentifier></parentidentifier> language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></language></languag <type></type> <title></title> <abstract></abstract> <links/> <fees></fees> <encoding></encoding> <crs> <rr><rr><rr><rr><rr><rr></ <authid></authid> <description></description> <projectionacronym></projectionacronym> <ellipsoidacronym></ellipsoidacronym> <geographicflag>false</geographicflag> </spatialrefsys> </crs> <extent/> </resourceMetadata> <items/> <layerOpacity>1</layerOpacity> <blendMode>0</blendMode> <paintEffect/> </main-annotation-layer> <projectlayers> cmaplayer type="vector" readOnly="0" maxScale="0" autoRefreshTime="0" hasScaleBasedVisibilityFlag="0" refreshOnNotifyMessage="" simplifyAlgorithm="0" simplifyDrawingHints="1" wkbType="MultiPolygon" simplifyMaxScale="1" minScale="100000000" refreshOnNotifyEnabled="0" simplifyLocal="1" styleCategories="AllStyleCategories" symbologyReferenceScale="-1" geometry="Polygon" simplifyDrawingTol="1" labelsEnabled="0" legendPlaceholderImage="" autoRefreshEnabled="0"> <extent> <min>1554748.80473078042268753</min> <ymin>4678313.14171848725527525</ymin>
<xmax>1771653.74968379456549883</xmax> <ymax>4924785.43026685062795877</ymax> </extent> <wgs84extent> <xmin>9.66340095560605405</xmin> <ymin>42.20968624439390737</ymin> <xmax>12.41231617415977162</xmax> <ymax>44.47414679248208103</ymax> </www.gs84extent> <keywordList> <value></value> </keywordList> layername>COMUNI_1991_2011</layername> <srs> <spatialrefsys nativeFormat="Wkt"> <wkt>PROJCRS["Monte Mario / Italy zone 1",BASEGEOGCRS["Monte Mario",DATUM["Monte Mario",ELLIPSOID["International <authid>EPSG:3003</authid> OMISSIS <projectMetadata> <identifier></identifier> <parentidentifier></parentidentifier>
<language></language> <type></type> <title></title> <abstract></abstract> <links/> <author>Giuseppe Mattiozzi</author> <creation>2023-05-08T14:41:31</creation>
</projectMetadata> <Annotations/> <Layouts/ <Layouts/> <mapViewDocks3D/> <Bookmarks/> <ProjectViewSettings rotation="0" UseProjectScales="0"> </ProjectViewSettings> <ProjectStyleSettings DefaultSymbolOpacity="1" projectStyleId="attachment:///FCxOFQ_styles.db" RandomizeDefaultSymbolColor="1"> <databases/2 </ProjectStyleSettings ProjectTimeSettings frameRate="1" timeStep="1" timeStepUnit="h" cumulativeTemporalRange="0"/>

<ElevationProperties> <terrainProvider type="flat">

<TerrainProvider scale="1" offset="0"/>

🞯 👀 🔄 🍢 www.giseqgis.it - (2023)

RIFERIMENTO: AICA ECDLGIS Syllabus Modulo 3 QGIS - 3.1 Concetti generali - 3.1.1 Primi passi con un'applicazione GIS - 3.1.1.3 Salvare il lavoro attivo

</terrainProvider>

- </ProjectDisplaySettings CoordinateAxisOrder="Default" CoordinateType="MapCrs">
 </ProjectDisplaySettings CoordinateAxisOrder="Default" CoordinateType="Point-10"
 </pre>

- <Option type="Map">
 <Option ame="decimal_separator" type="invalid">
 <Option value="6" name="decimals" type="int">
 <Option value="6" name="decimals" type="int">
 <Option value="0" name="rounding_type" type="int">
 <Option value="10" name="show_plus" type="int">
 <Option value="false" name="show_plus" type="int">
 </option value="false" name="show_plus" type="int">
 </option value="false" name="show_plus" type="bool">
 </option value="false" name="show_plus" type="bool">
 </option value="false" name="show_plus" type="bool">
 </option value="false" name="show_plus" type="inter">
 </option value="false" name="show_plus" type="bool">
 </option value="false" name="show_plus" type="inter">
 </option value="false" type="show_plus" type="show_plus" type="show_plus" type="show_plus" ty
- </Option>
- </BearingFormat> <GeographicCoordinateFormat id="geographiccoordinate">
- <GeographicCoordinateFormat id="geographiccoordinate">
 <Option type="Map">
 <Option value="DecimalDegrees" name="angle_format" type="QString"/>
 <Option name="decimal_separator" type="invalid"/>
 <Option value="6" name="tocunding_type" type="int"/>
 <Option value="0" name="show leading_degree_zeros" type="bool"/>
 <Option value="false" name="show_plus" type="bool"/>
 <Option value="false" name="show_plus" type="bool"/>
 <Option value="false" name="show_suffix" type="bool"/>
 <Option value="false" name="show_suffix" type="bool"/>
 <Option value="false" name="show_suffix" type="bool"/>
 <Option value="false" name="show_suffix" type="bool"/>
 <Option value="false" name="show_tocuman_separator" type="bool"/>
 <Option value="false" name="show_trailing_zeros" type="bool"/>
 <Option name="tocuman_separator" type="invalid"/>
 </option name="tocuman_separator" type="invalid"/>
 </option>

- </Option>

</GeographicCoordinateFormat> <CoordinateCustomCrs>

<CoordinateCustomCrs>
<spatialrefSys nativeFormat="Wkt">
<spatialrefSys nativeFormat="Wkt">

(Subset CoordinateCustomCrs>

Subset CoordinateCustomCrassetCu

- - <srid>4326</srid> <authid>EPSG:4326</authid>

 - <ducrime>L1SU:+J2U<4duture>L1SU:+J2U<4duture>L4SU:+J2U<4duture>C4SU:+J2U<4duture>C4SU:+J2U<4duture>C4SU:+J2U<4duture>C4SU:+J2U<4duture>C4SU:+J2U<4duture>C4SU:+J2U<4duture>C4SU:+J2U<4duture>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>C4SU:+J2U<4duture</pre>
- </spatialrefsys> </CoordinateCustomCrs>
- </ProjectDisplaySettings>
- </qgis