

PROIECTE REALIZATE



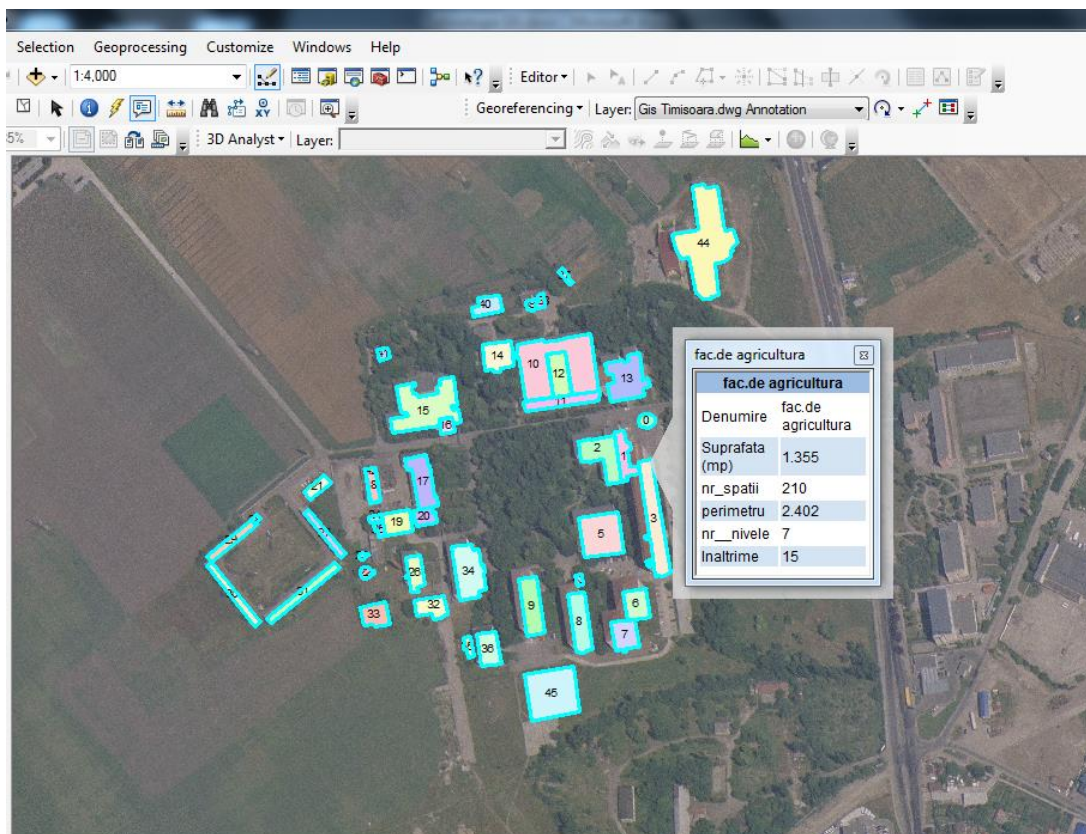
CERCUL ȘTIINȚIFIC STUDENȚESC DE GIS ȘI TELEDETECTIE



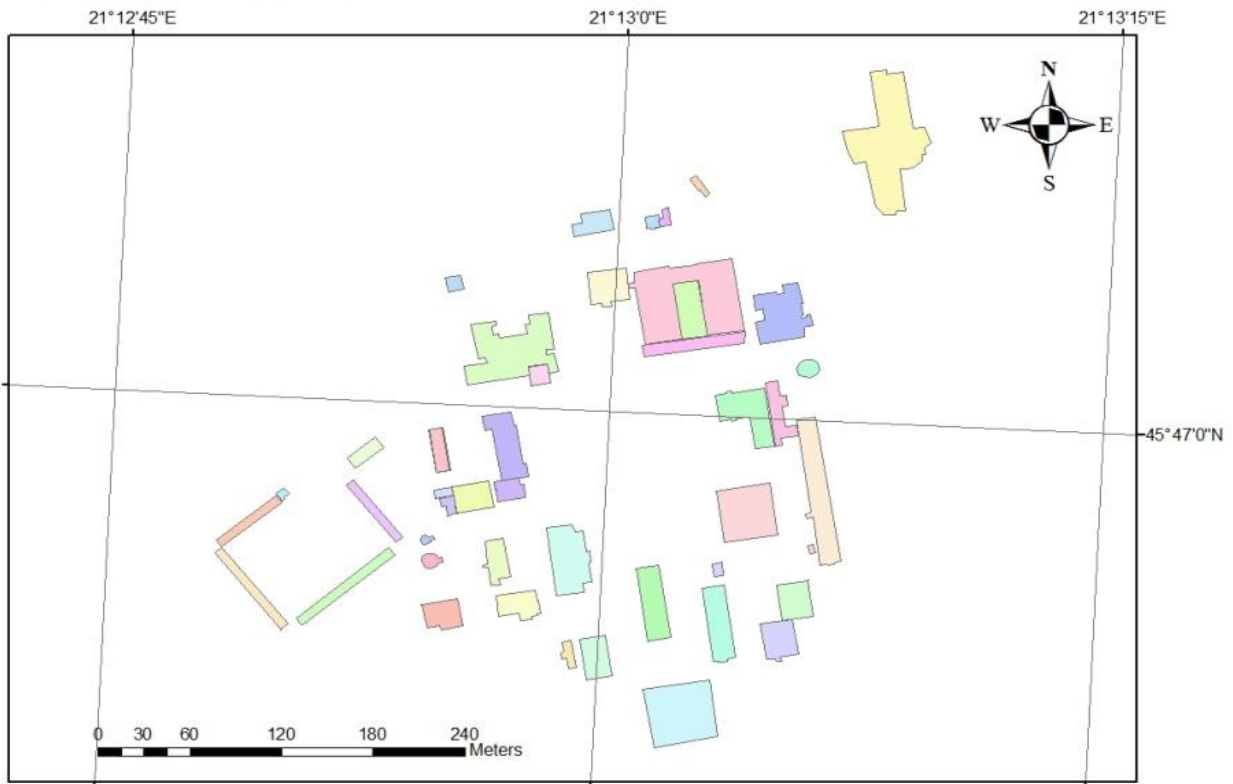
Specializarea: MASURATORI TERESTRE SI CADASTRU



Student: **PREDUSEL ANA MARIA – REALIZAREA HARTII GIS A CAMPUSULUI USAMVB**



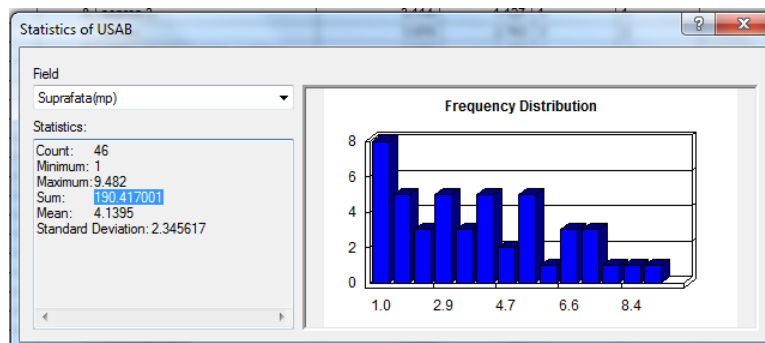
Cladiri USAMVB "Regele Mihai I al Romaniei" din Timisoara

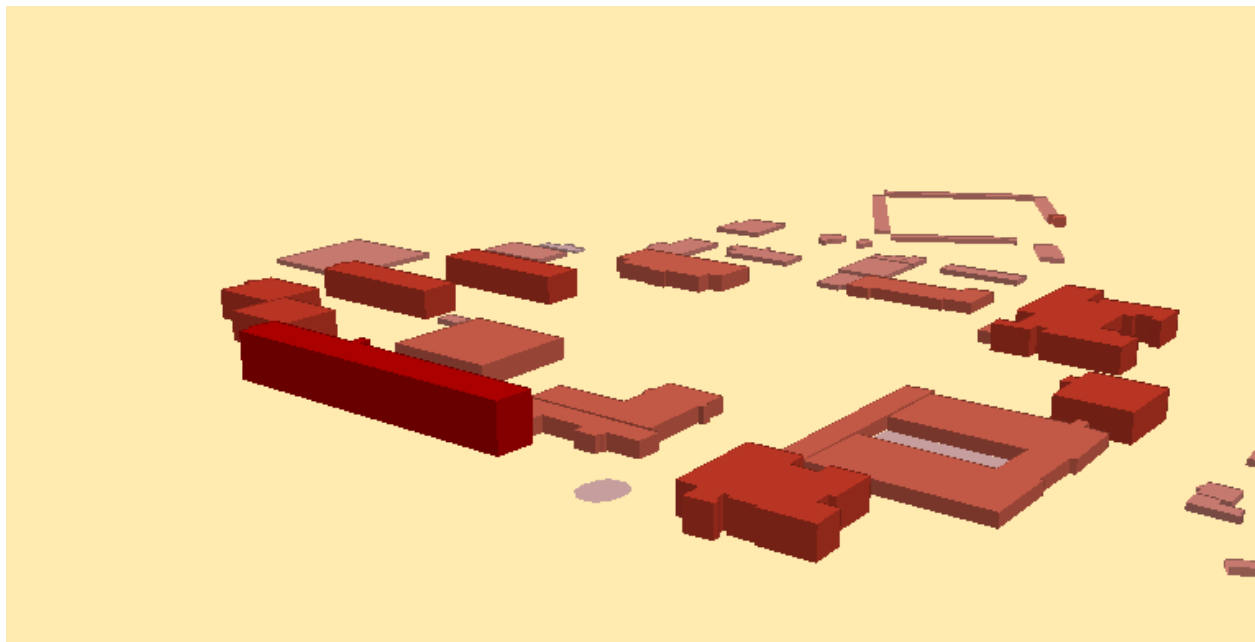
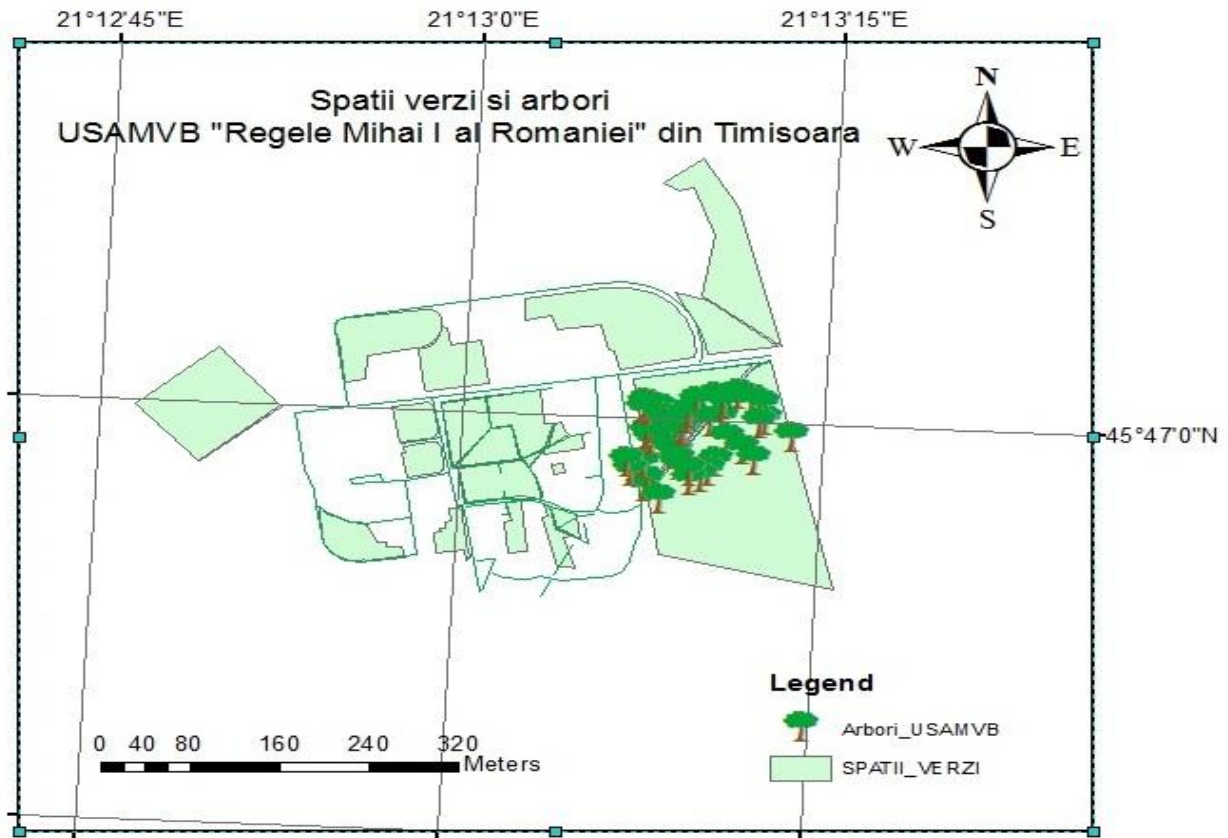


Legend

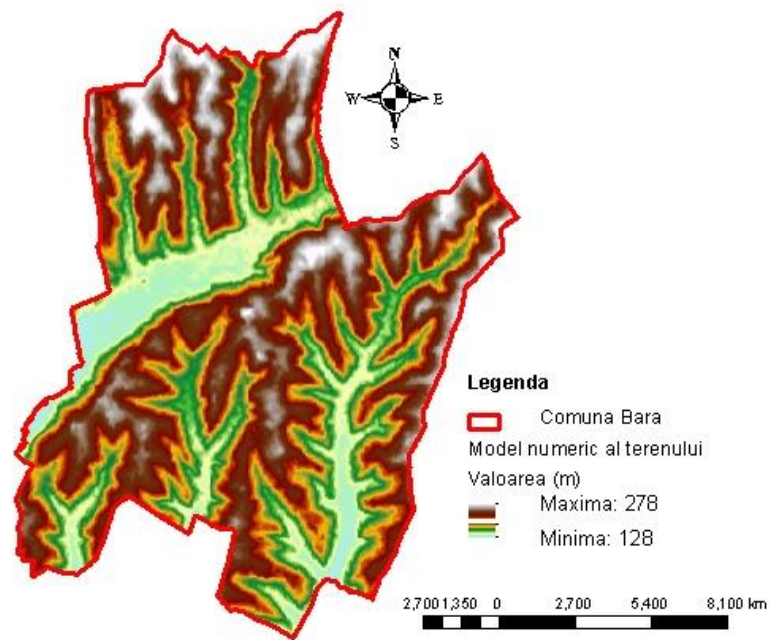
Cladiri USAMVB denumire

Facultate de management	biblioteca	depozit(farmacie)	rezervor apa 1
amfiteatru	birouri	fac zootehnie corp A	rezervor apa 2
amfiteatru fac de med veterinara	camin 1	fac. de mecanizare a agriculturii	s.r.g
atelier mecanic(remiza combine)	camin 2	fac. de medicina veterinara	sala de sport
atelier	camin 3	fac.de agricultura	sopron 1
atelier mecanic	camin 4	grup rezervoare	sopron 2
atelier mecanic 1	cantina	laborator veterinar	sopron 3
atelier mecanic 2	centrala termica	magazii	sopron 4
atelier mecanic 3	centrala termica cos	pivnita,depozit siloz	sopron 5
bazin(palma)	clinici veterinare univ. corp B C	post trafo.	spalatorie
	curte interioara	rampa	tribune
	depozit	rectorat usab	zootehnie corp D

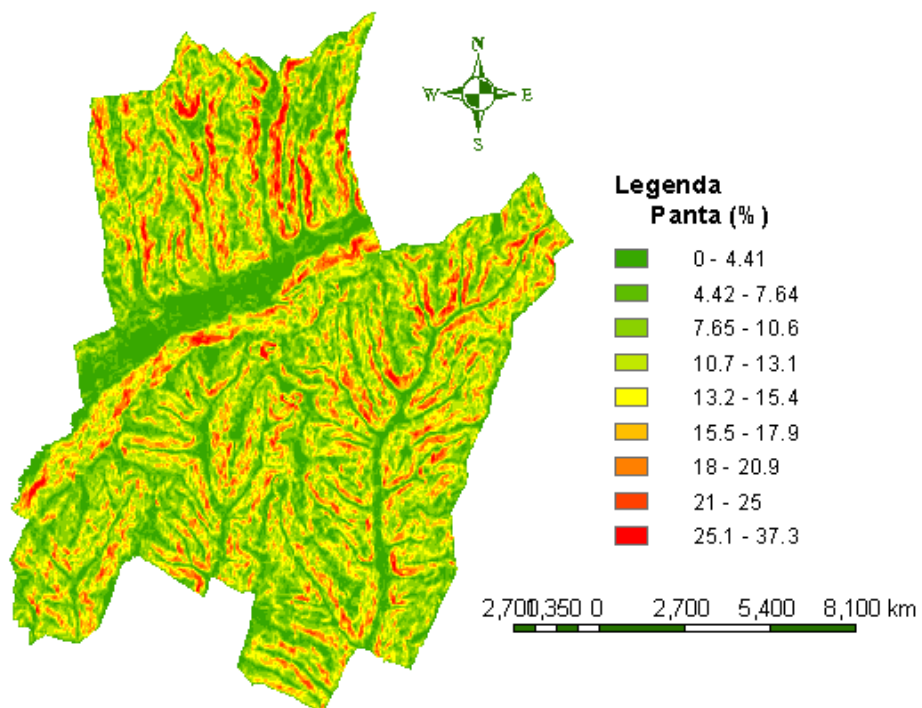




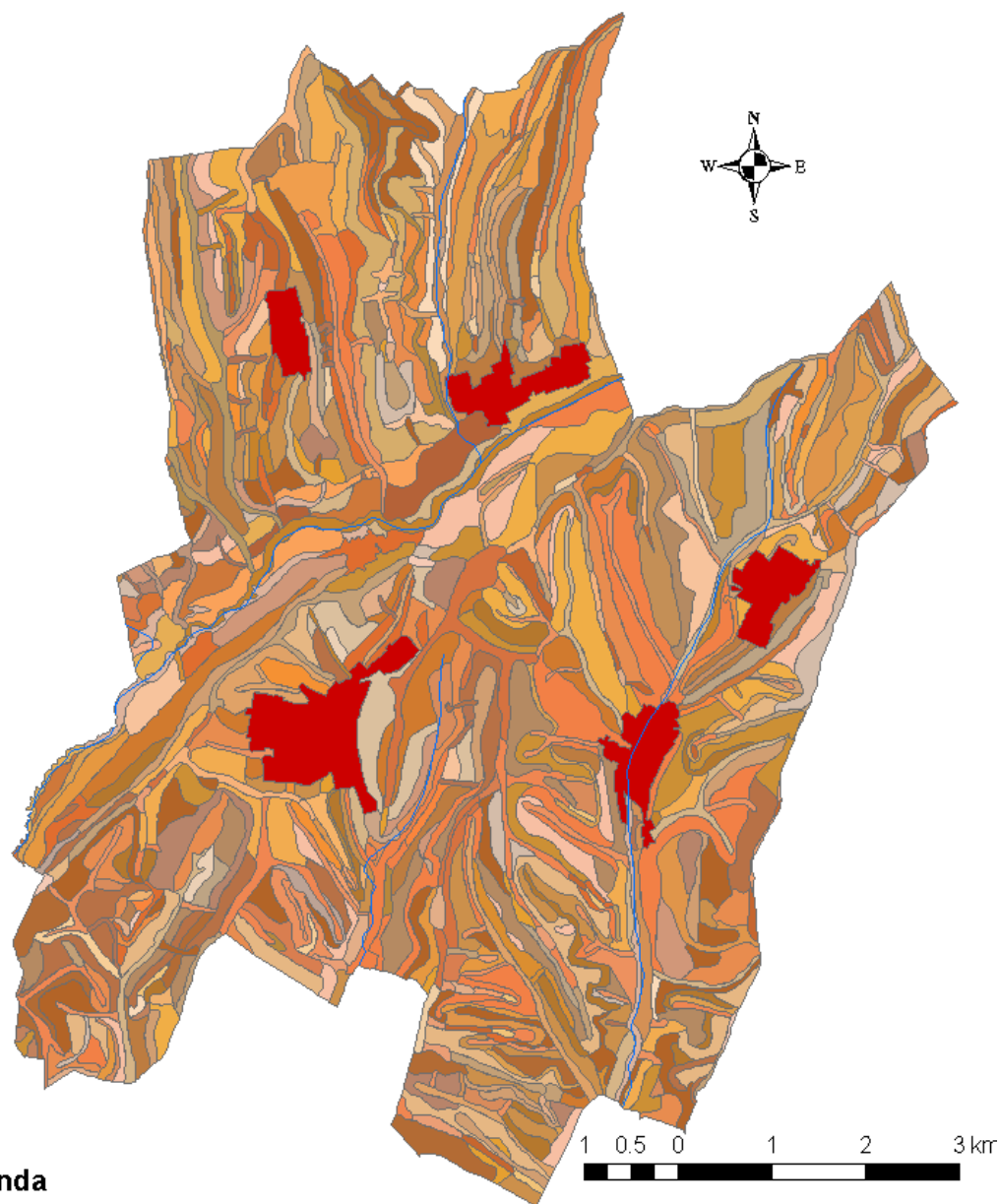
Student: ANCA INIȘCONI – HARTA GIS A COMUNEI BARA



Comuna Bara – Modelul Numeric al Terenului



Comuna Bara – harta pantelor

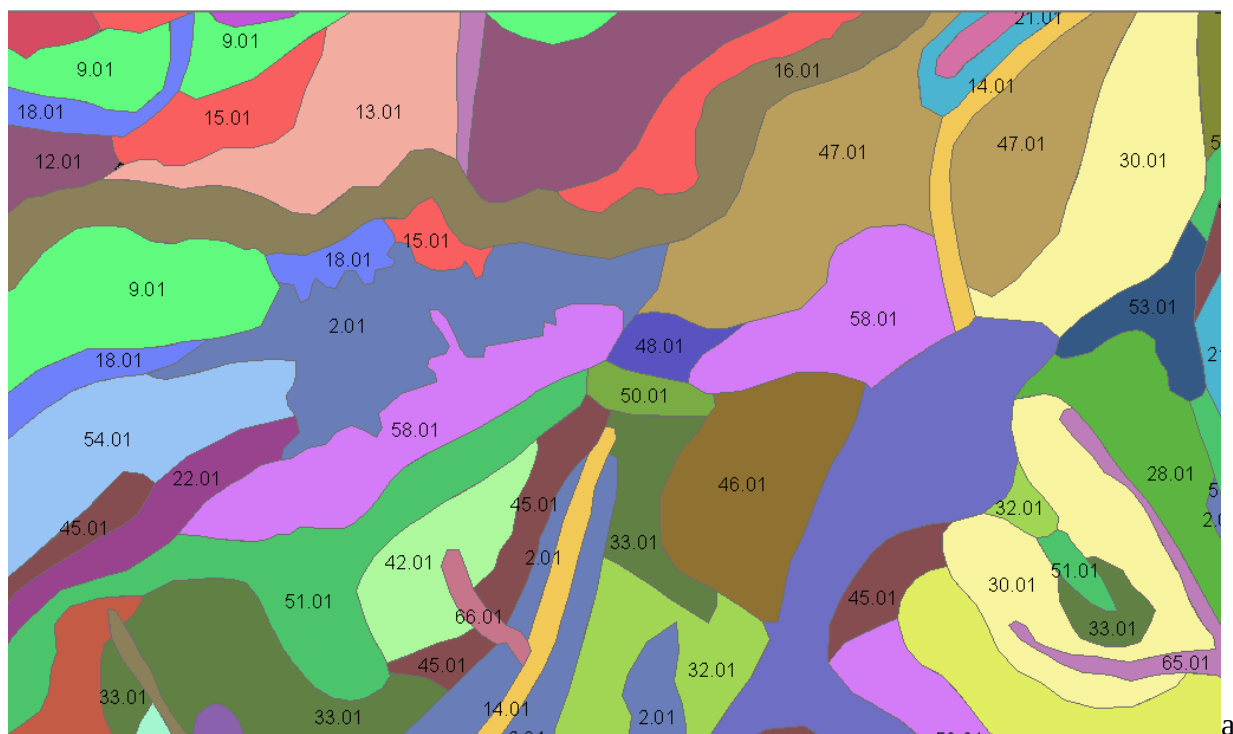


Legenda

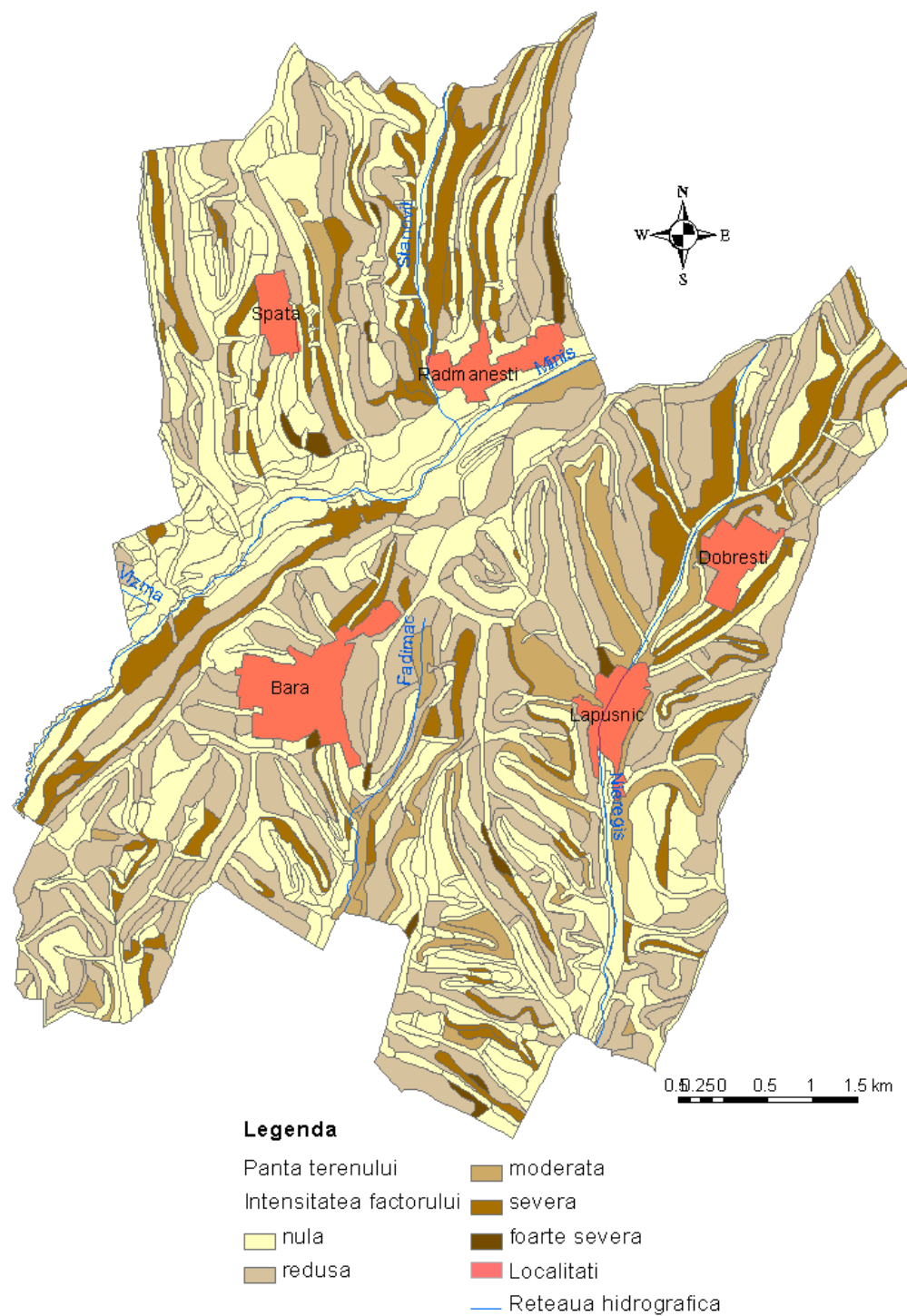
Numar US

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2.01	12.01	22.01	32.01	42.01	52.01	62.01	72.01
3.01	13.01	23.01	33.01	43.01	53.01	63.01	73.01
4.01	14.01	24.01	34.01	44.01	54.01	64.01	74.01
5.01	15.01	25.01	35.01	45.01	55.01	65.01	75.01
6.01	16.01	26.01	36.01	46.01	56.01	66.01	Localitati
7.01	17.01	27.01	37.01	47.01	57.01	67.01	Padure
8.01	18.01	28.01	38.01	48.01	58.01	68.01	Reteaua hidrografica
9.01	19.01	29.01	39.01	49.01	59.01	69.01	
10.01	20.01	30.01	40.01	50.01	60.01	70.01	

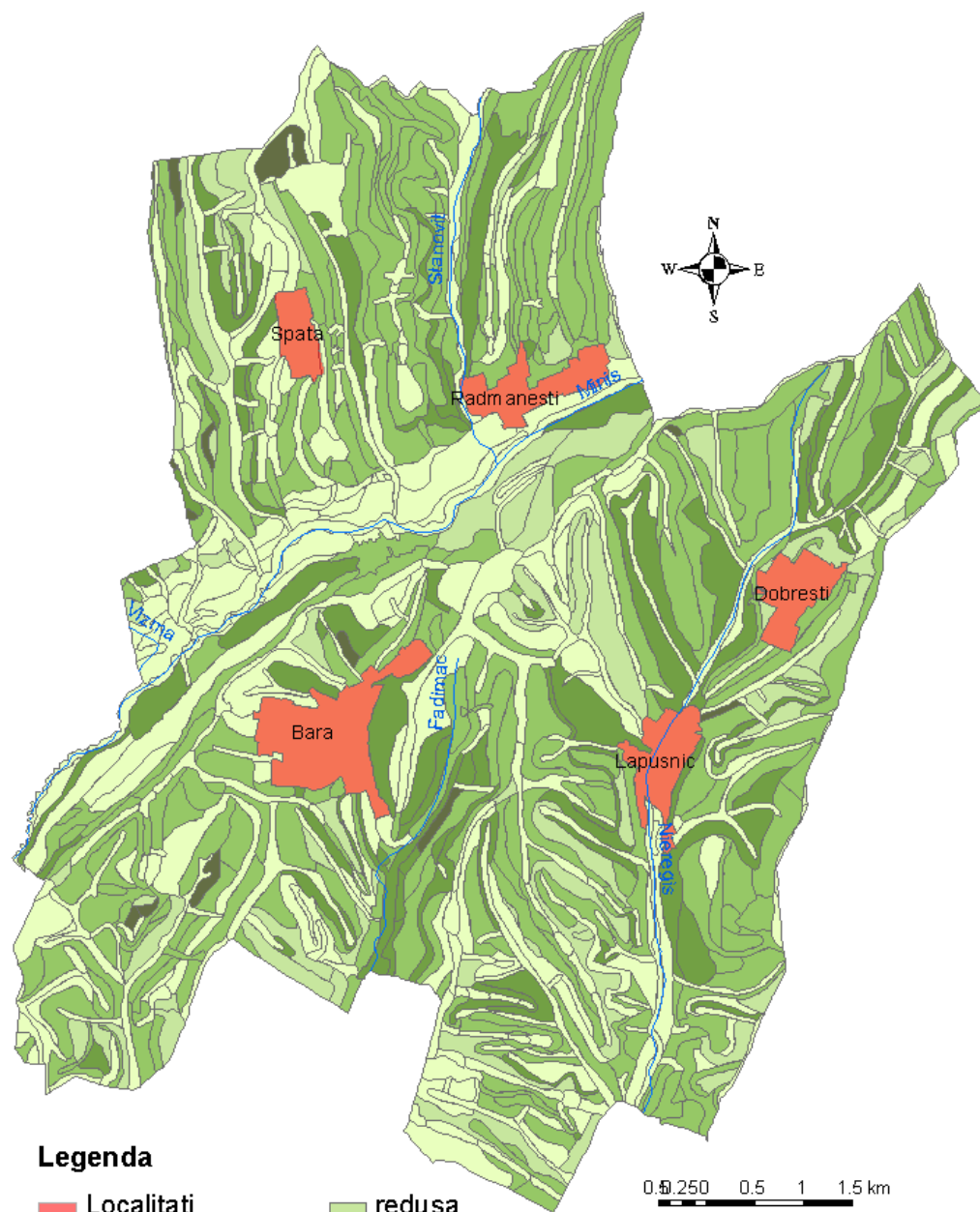
Unitatea administrativă Bara – harta solurilor



Comparație între harta analogică (a) și harta GIS (b)



Comuna Bara: repartiția geografică a factorului limitativ „panta terenului”

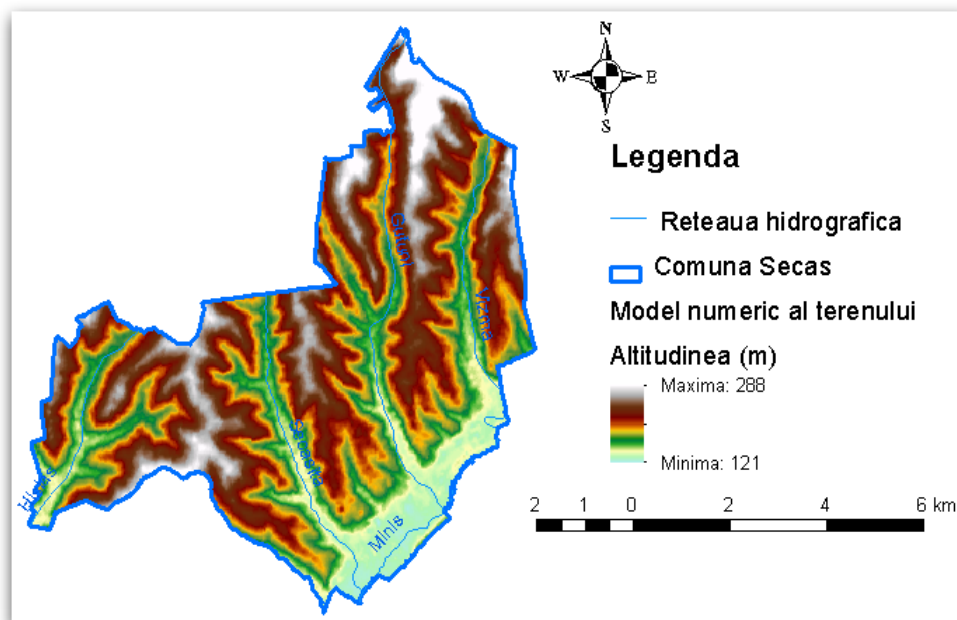


Legenda

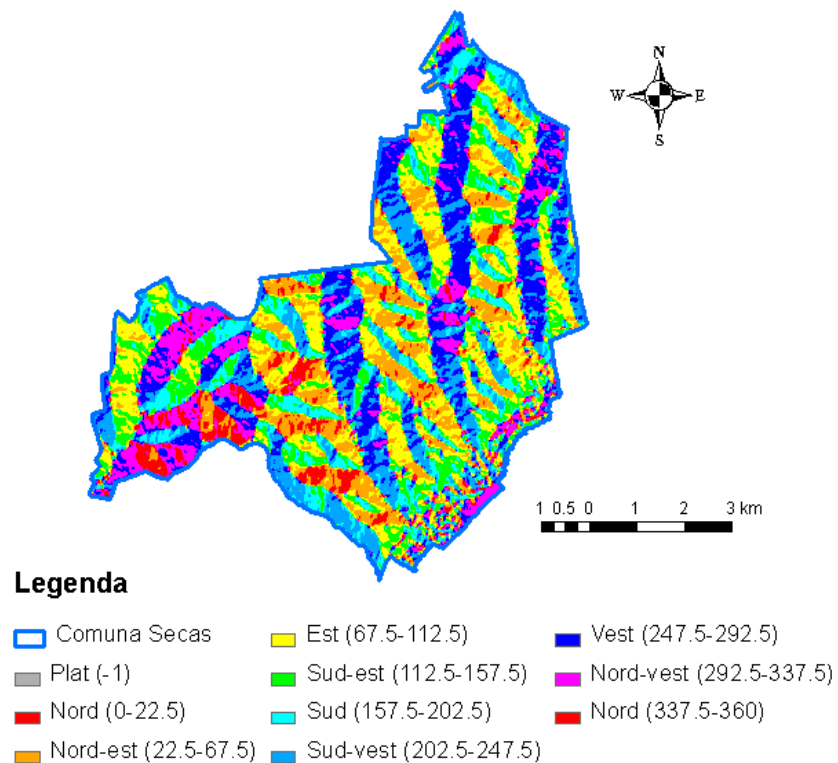
- | | |
|--|---|
| Localitati | redusa |
| Eroziunea in suprafata | moderata |
| Intensitatea factorului | severa |
| nula | foarte severa |
| | Reteaua hidrografica |

Comuna Bara: repartitia geografică a factorului limitativ „eroziunea în suprafață”

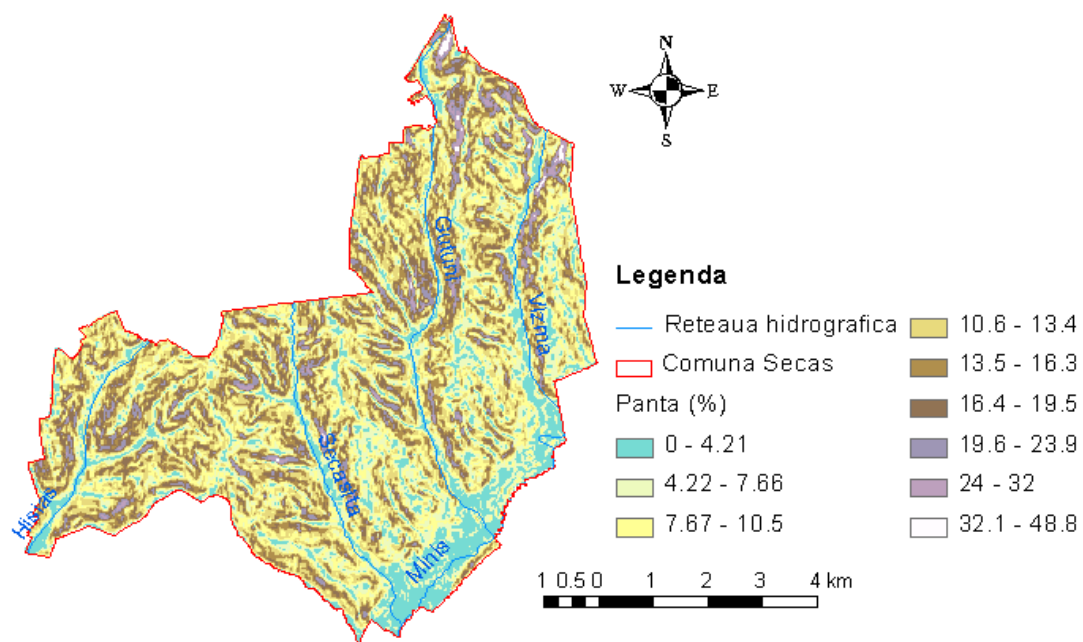
Student: **FLAVIA PETRIȘOR – HARTA GIS A COMUNEI SECAS**



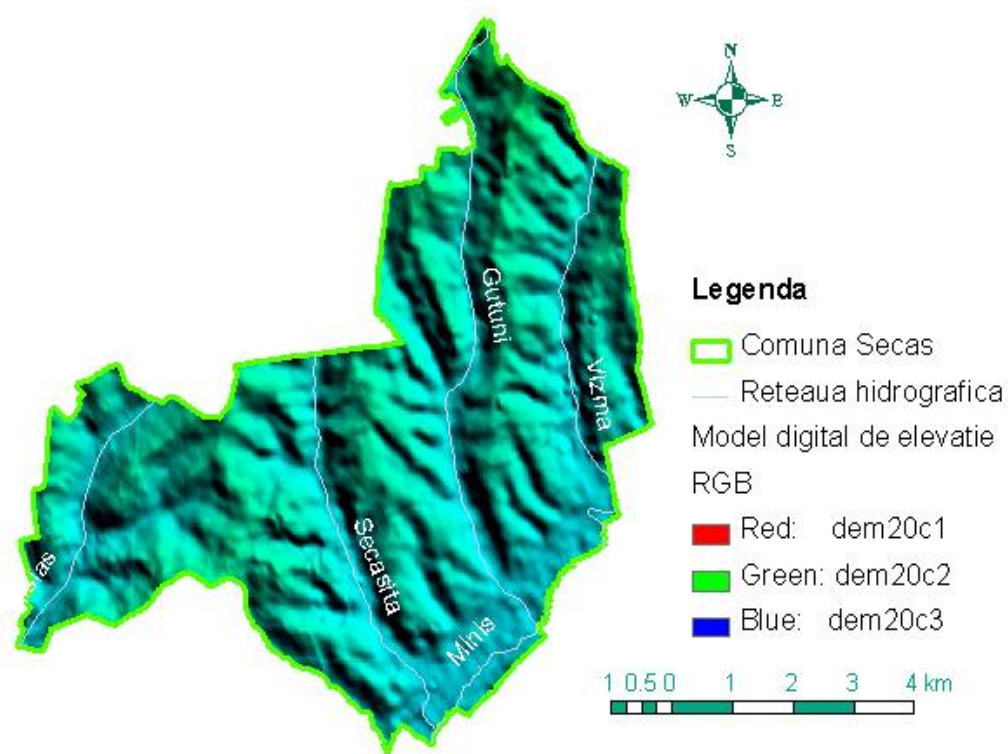
Comuna Secaș - Modelul numeric al terenului



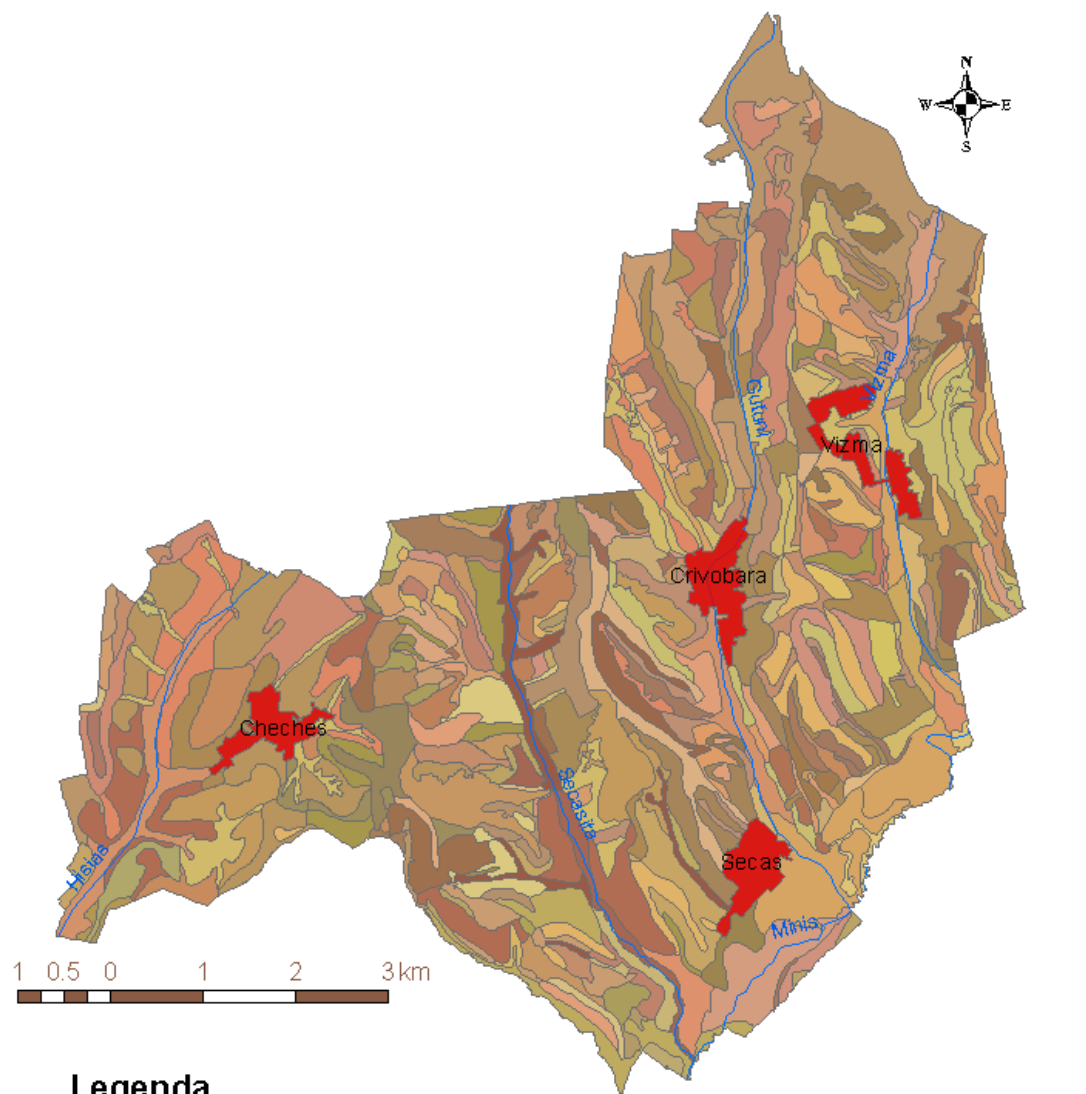
Comuna Secaș - Orientarea versanților



Comuna Secaş - Harta pantelor



Rețeaua hidrografică de pe teritoriul comunei Secaş



Legenda

US	10	20	30	40	50	60	70
1	11	21	31	41	51	61	71
2	12	22	32	42	52	62	72
3	13	23	33	43	53	63	73
4	14	24	34	44	54	64	74
5	15	25	35	45	55	65	Localitati
6	16	26	36	46	56	66	Padure
7	17	27	37	47	57	67	Localitati
8	18	28	38	48	58	68	Reteaua hidrografica
9	19	29	39	49	59	69	

Comuna Secaş - Harta solurilor la nivel de subtip



Legenda

US

Tipul de sol

Aluviosol

Erodosol

Eutricambosol

Faeozion

Gleiosol

Localitati

Luvosol

Padure

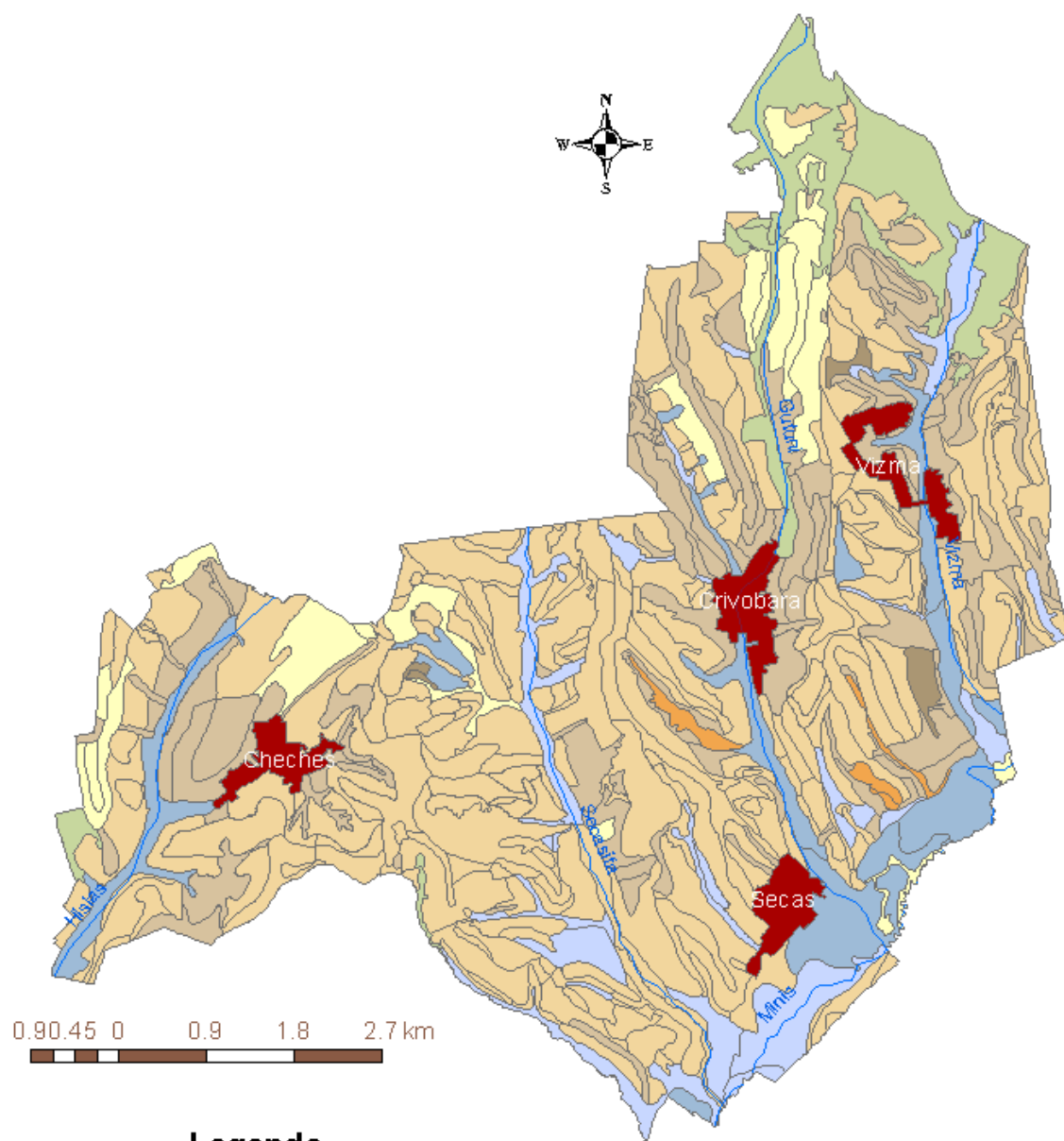
Preluvosol

Stagnosol

Vertosol

Reteaua hidrografica

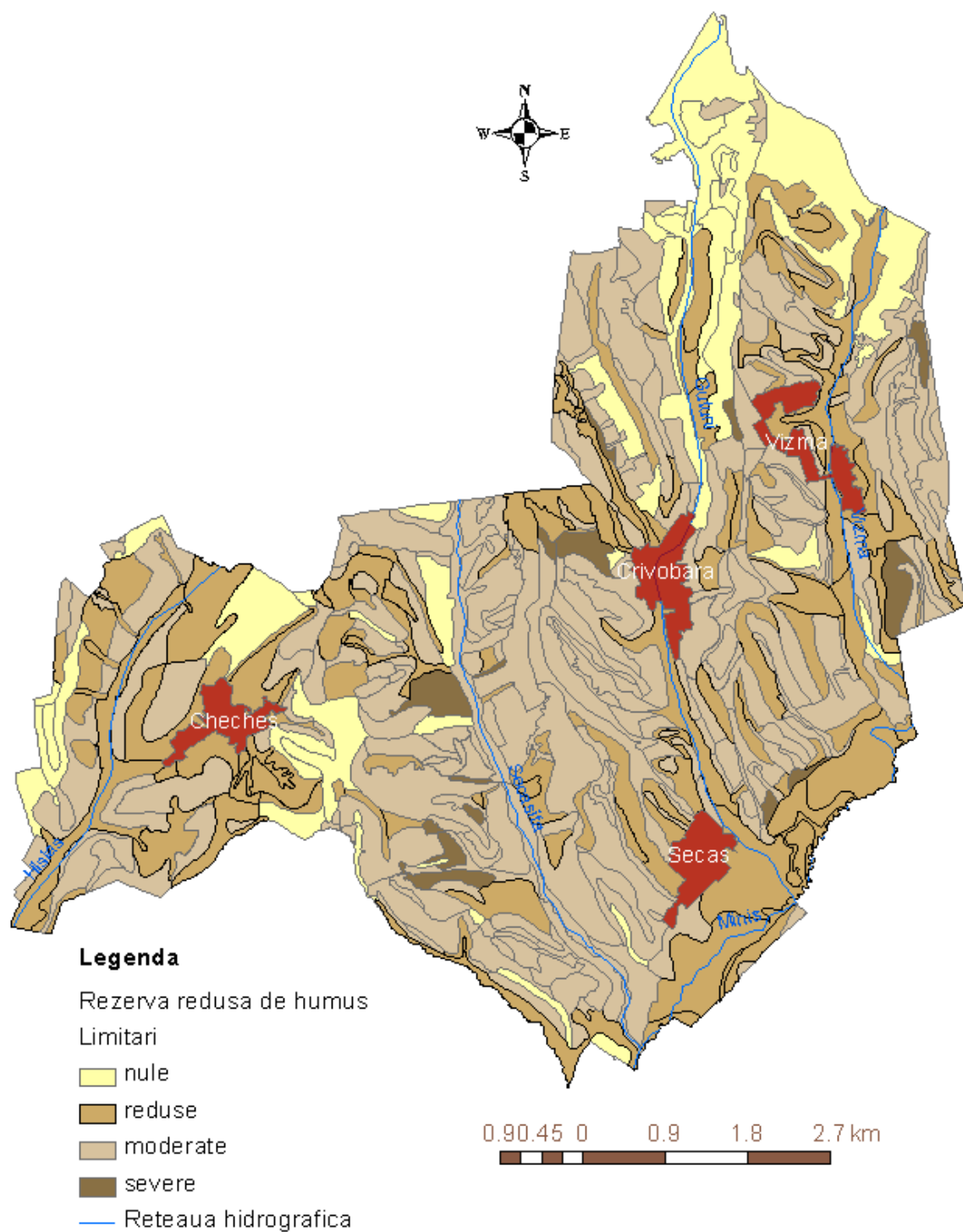
Comuna Secaş - Reprezentarea solurilor în funcție de tipul de sol



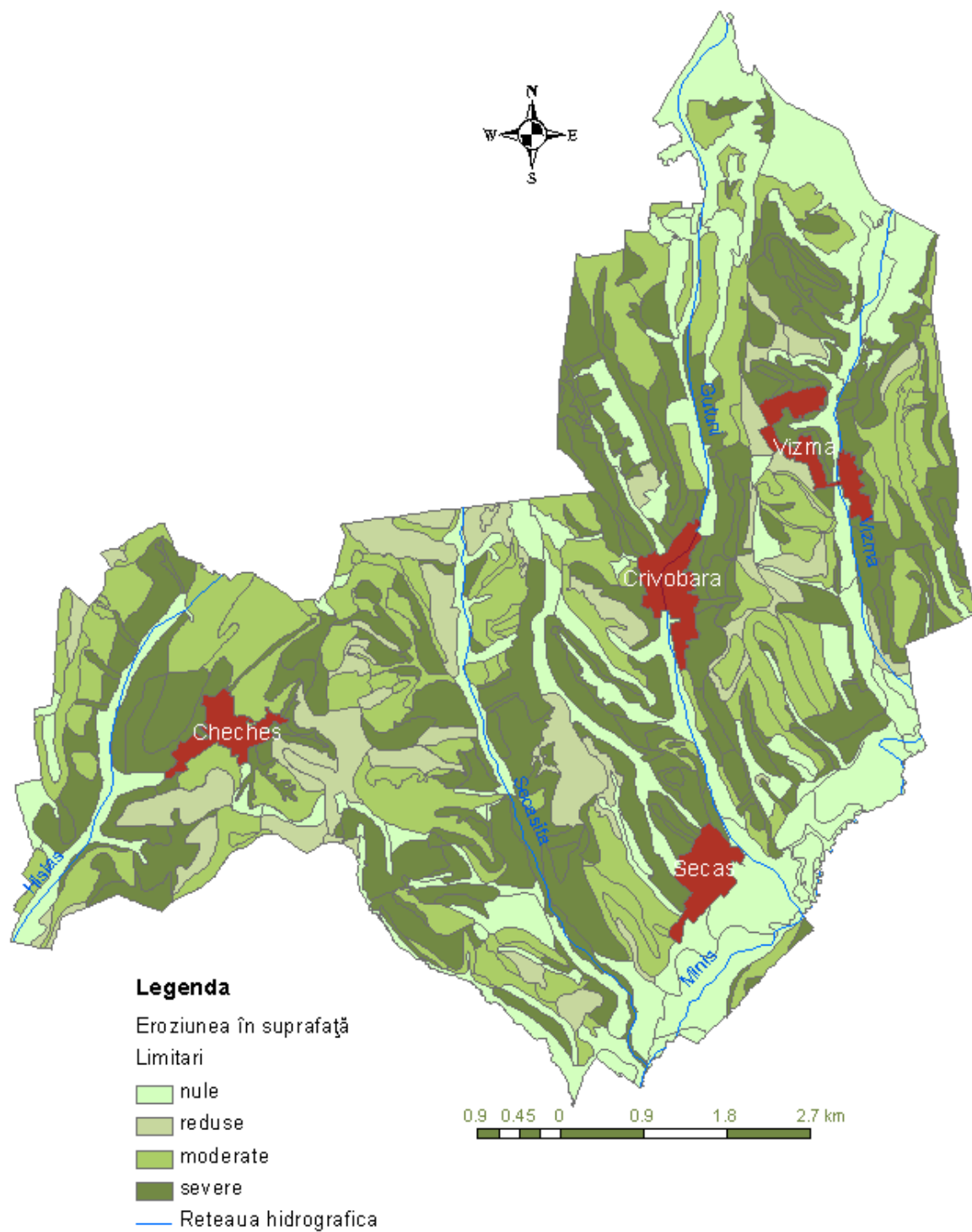
Legenda

US	Cernisoluri	Padure
Clasa de sol	Hidrisoluri	Pelisoluri
Antrisoluri	Localitati	Protisoluri
Cambisoluri	Luvisoluri	Reteaua hidrografica

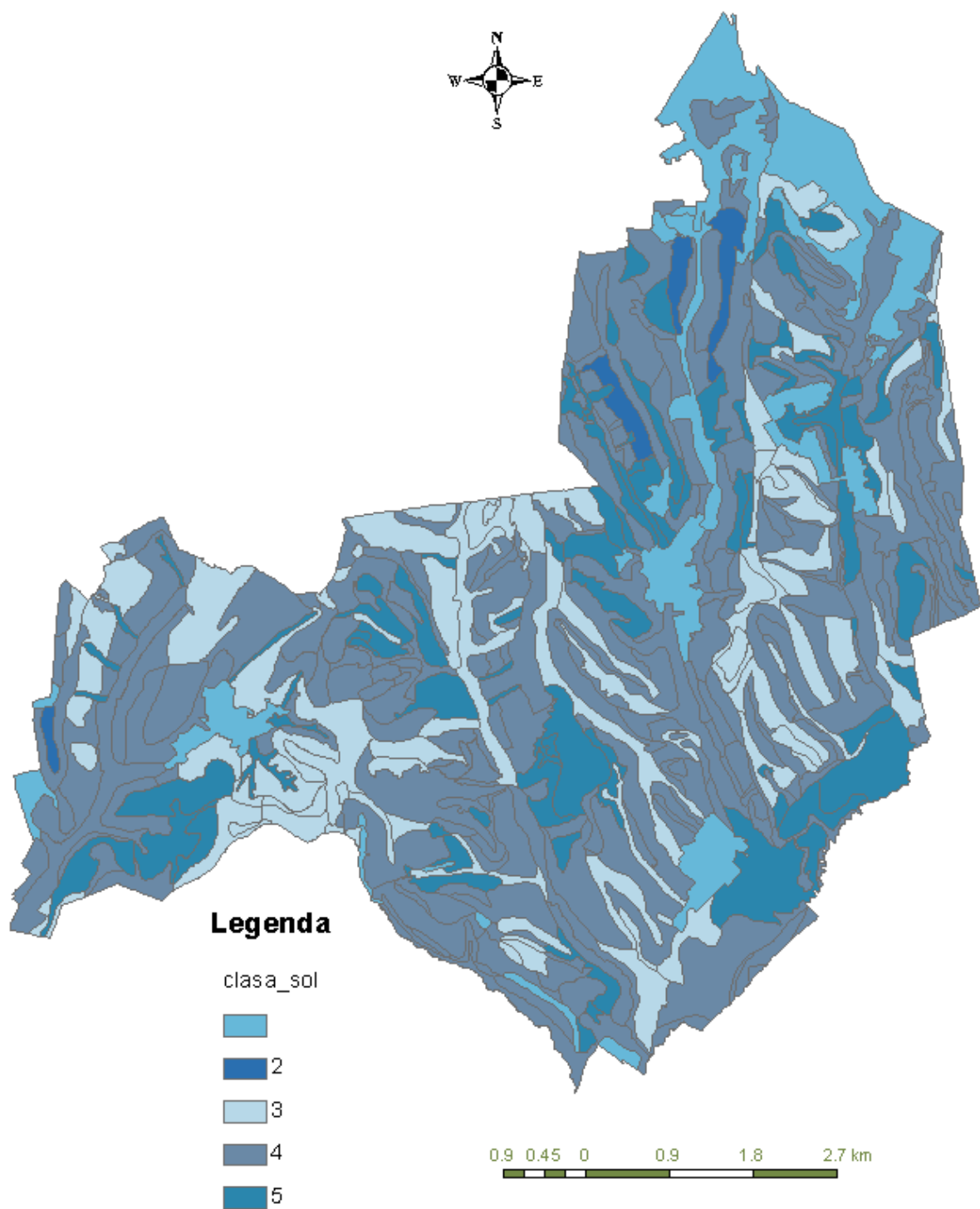
Comuna Secaș - Reprezentarea solurilor în funcție de clasa de sol



Comuna Secaş - Gruparea solurilor în funcție de rezerva de humus

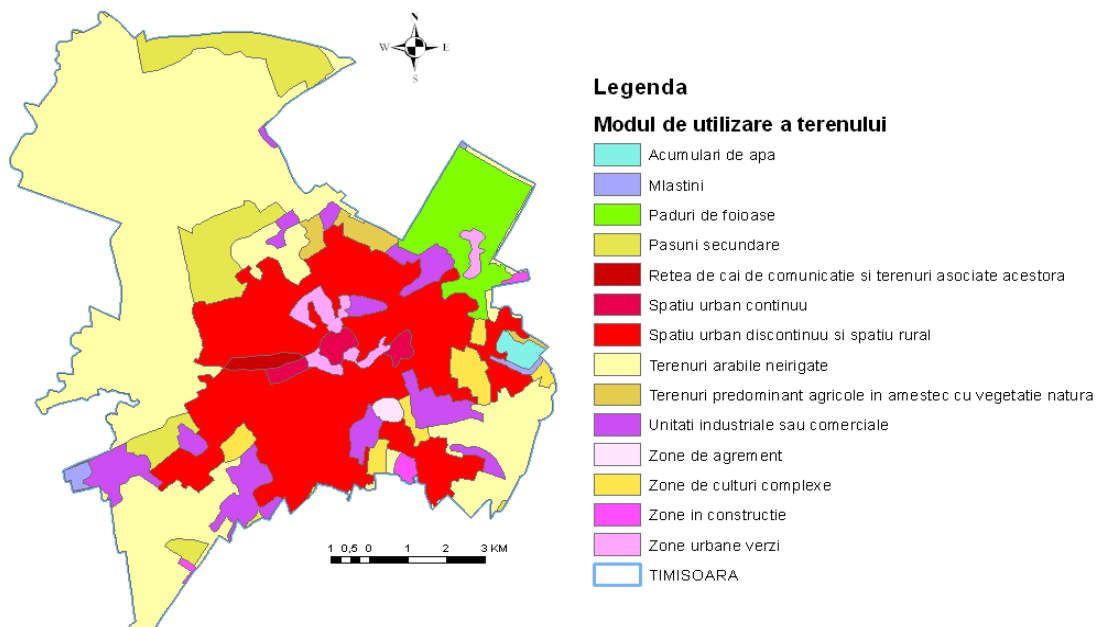


Comuna Secaş - Gruparea solurilor în funcție de eroziunea în suprafață

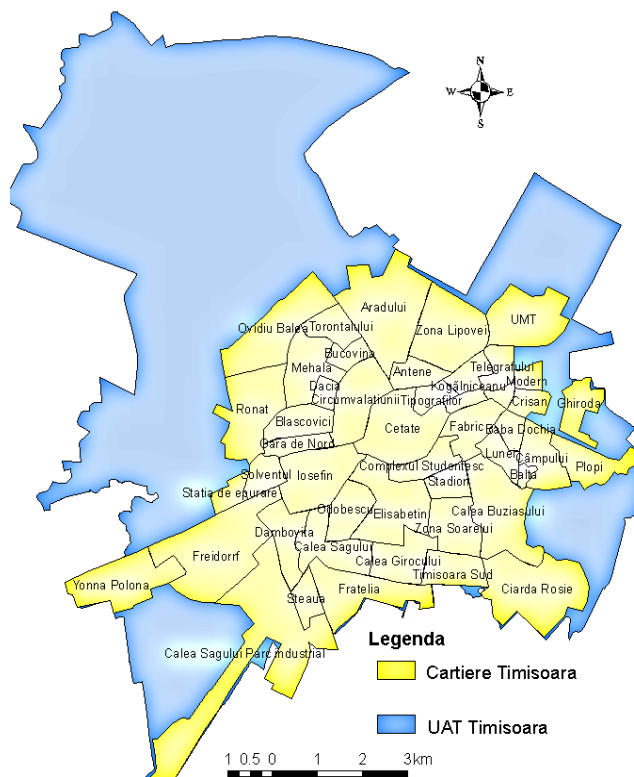


Comuna Secaș - Calitatea solurilor

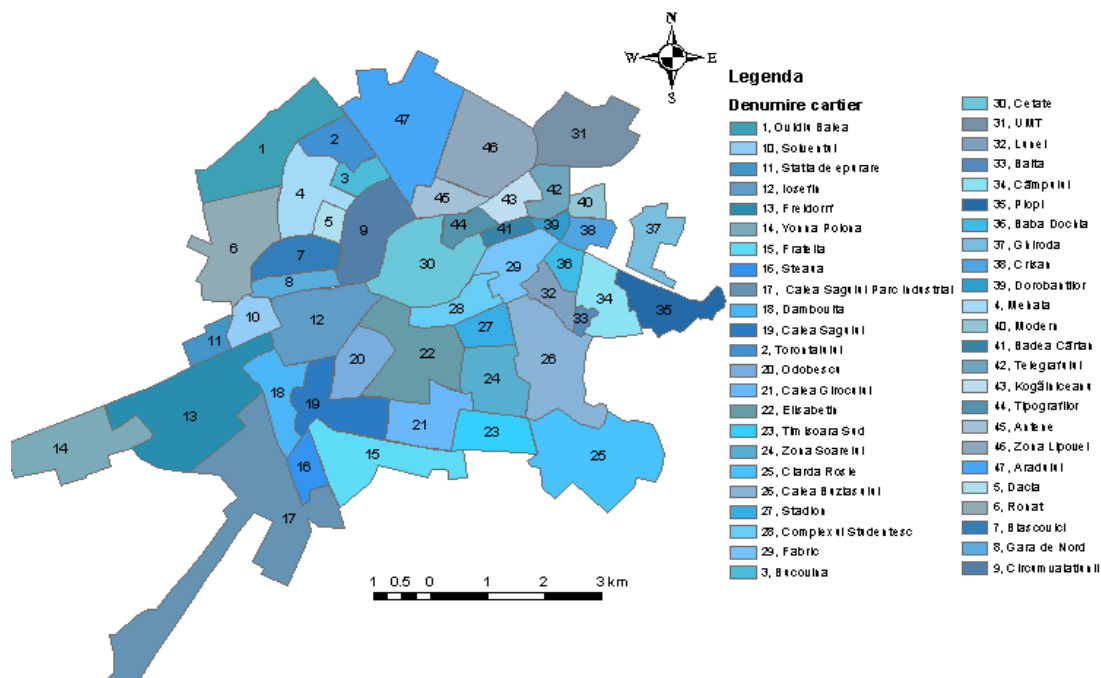
Student: **AURELIA IANCU – HARTA GIS A RETELELOR DE TRANSPORT IN MUN. TIMISOARA**



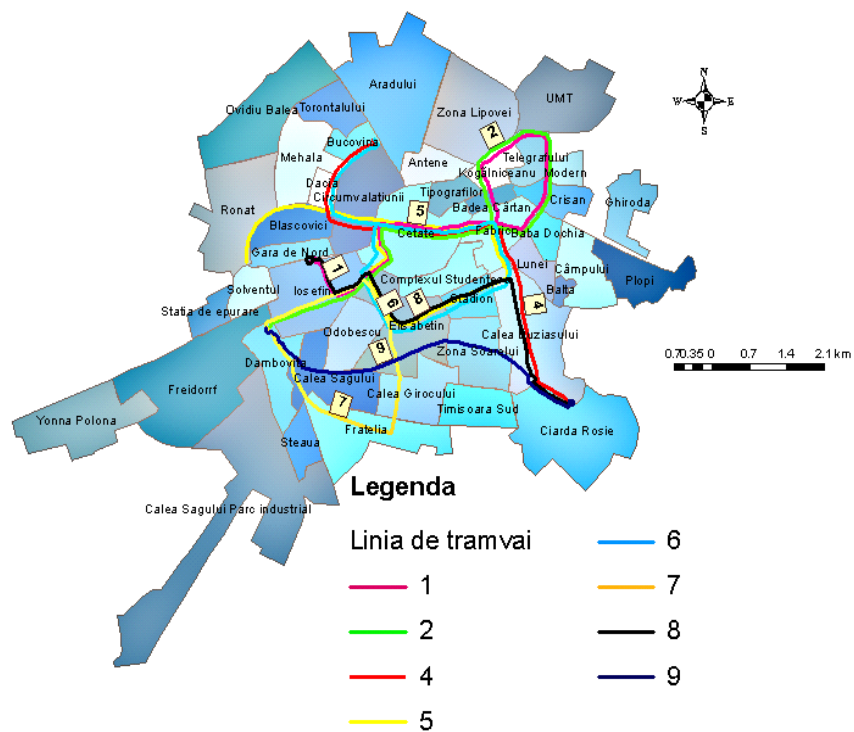
Municipiul Timișoara - Modul de utilizare a terenului



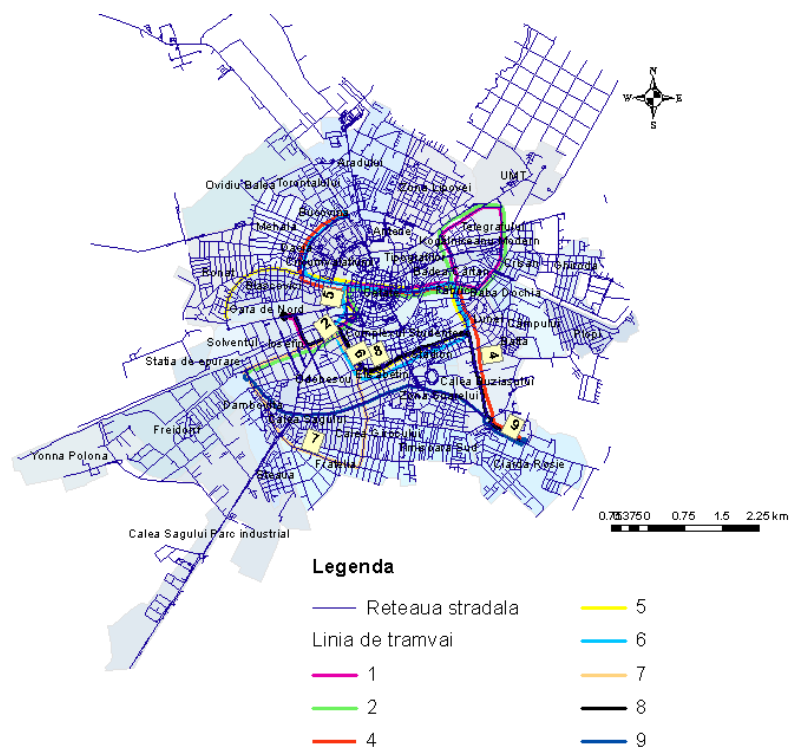
Unitatea administrativ-teritorială Timișoara



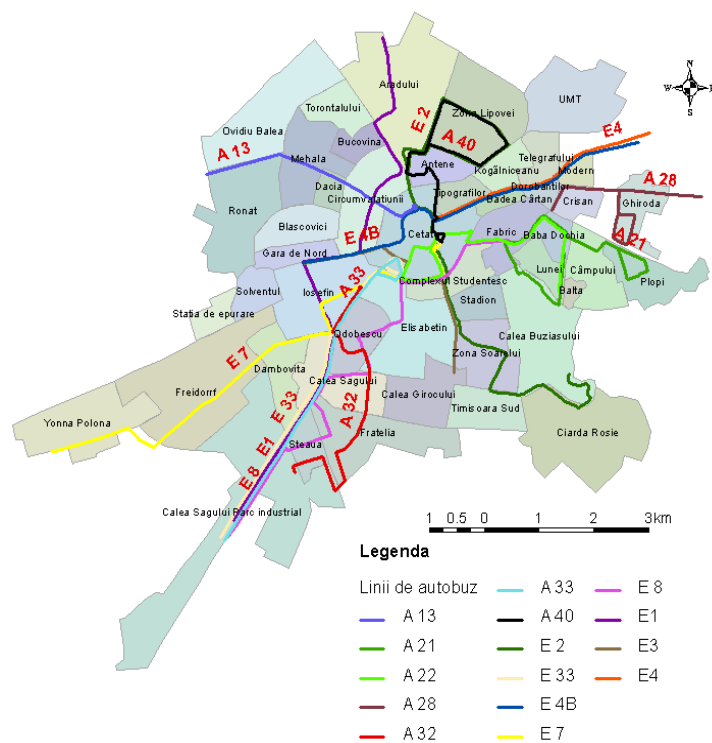
Harta cartierelor municipiului Timișoara



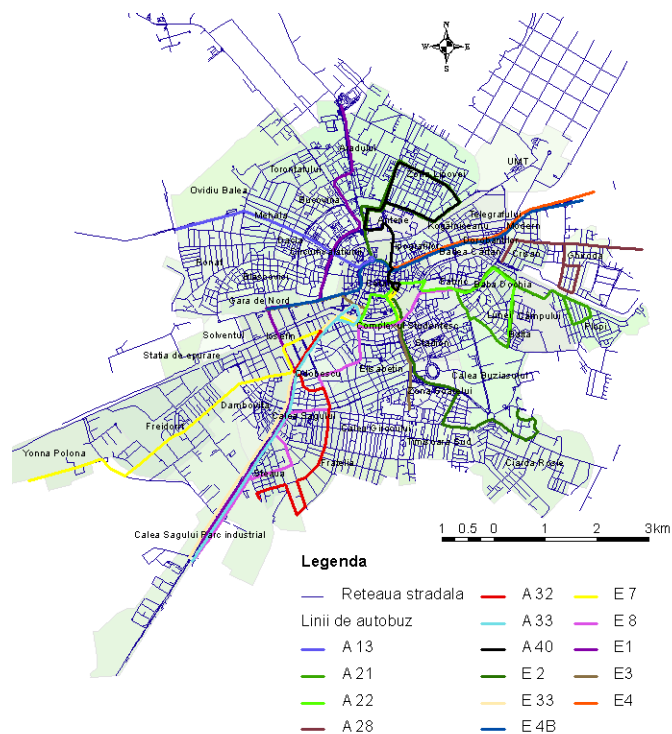
Municipiul Timișoara: liniile de tramvai – repartitia pe cartiere



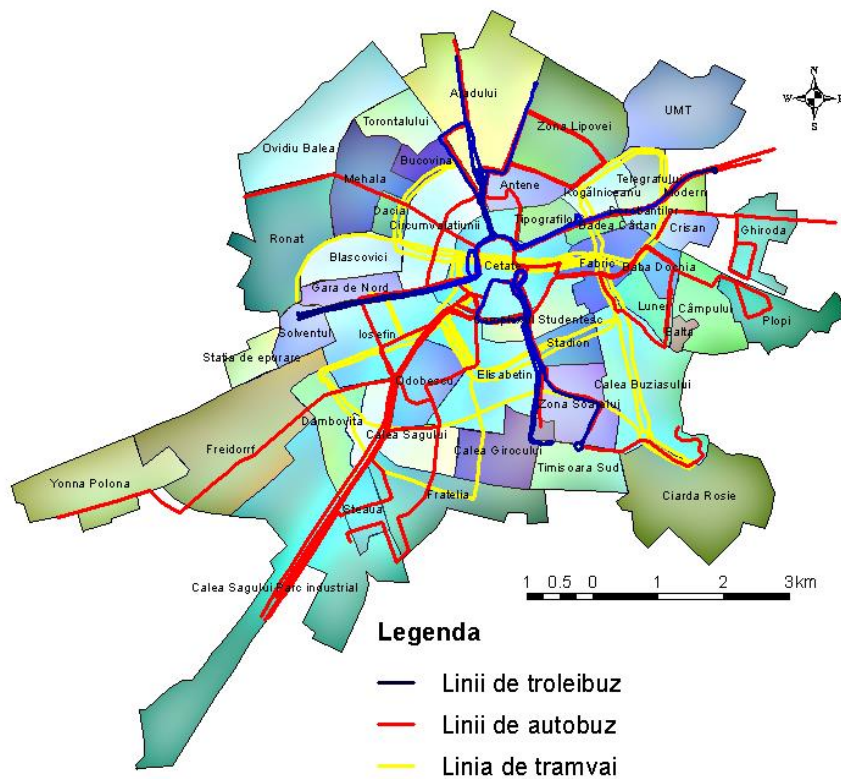
Traseele de tramvai în Municipiul Timișoara



Municipiul Timișoara: traseele de autobuz - repartitia pe cartiere



Linii de autobuz în Municipiul Timișoara



Rețeaua de transport în comun din municipiul Timișoara



Traseu Calea Aradului – Calea Girocului prin metode GIS

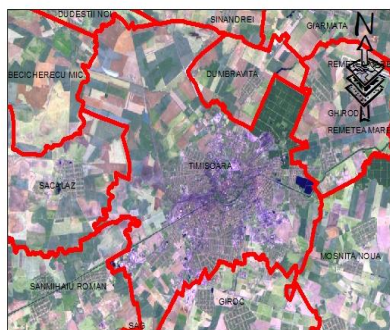
Student: **TECAR LOREDANA – PROCESAREA IMAGINILOR SATELITARE**
LANDSAT PE UAT TIMISOARA

ZONA STUDIATA: U.A.T. TIMISOARA

BAND COMBINATION 4 3 2 - NATURAL COLOR

BAND COMBINATION 3 2 1 - NATURAL COLOR

2013



Legend

uat_TIMIS

L5186028_02819840910_B70_Com2

RGB

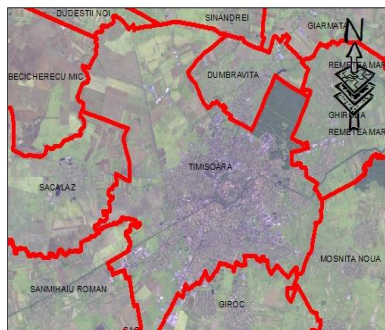
Red: Band_1

Green: Band_2

Blue: Band_3

0 1.5 3 6 9 12 Kilometers

1987



Legend

uat_TIMIS

LC81860282013285LGN00_B7_Com3

RGB

Red: Band_1

Green: Band_2

Blue: Band_3

0 1.5 3 6 9 12 Kilometers

ZONA STUDIATA: U.A.T. TIMISOARA

BAND COMBINATION 5 4 3 - COLOR INFRARED

BAND COMBINATION 4 3 2 - COLOR INFRARED

2013



Legend

uat_TIMIS

L5186028_02819840910_B70_Com3

RGB

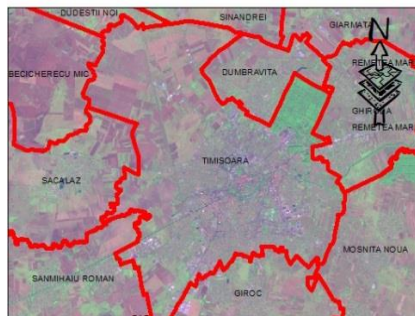
Red: Band_1

Green: Band_2

Blue: Band_3

0 1.5 3 6 9 12 Kilometers

1987



Legend

uat_TIMIS

LC81860282013285LGN00_B7_Com4

RGB

Red: Band_1

Green: Band_2

Blue: Band_3

0 1.5 3 6 9 12 Kilometers

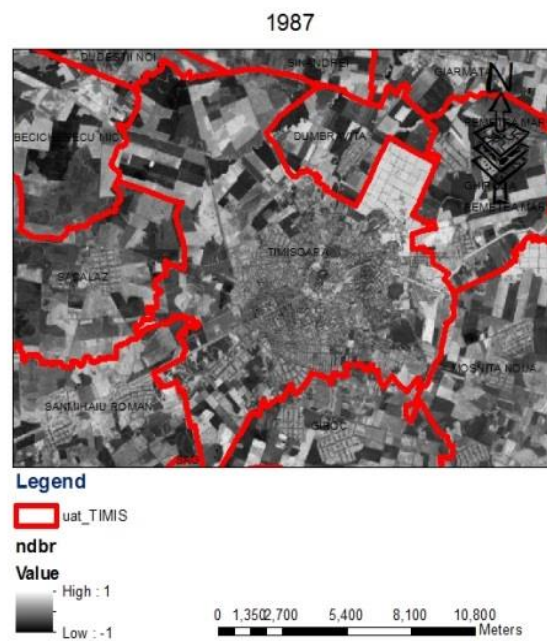
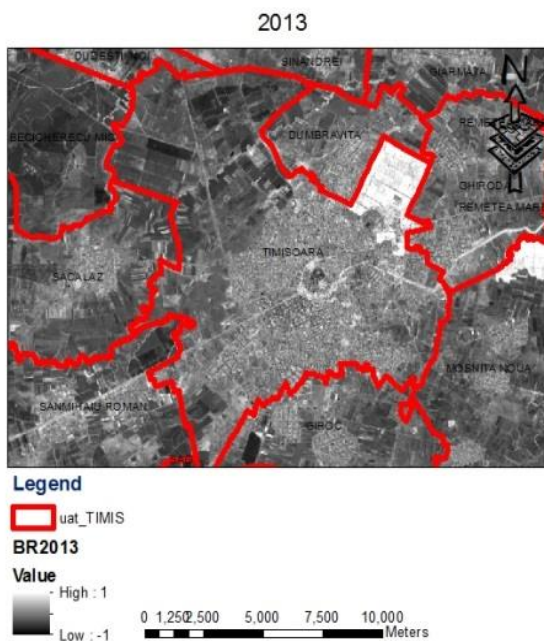
INDICE NORMALIZAT DE DIFERENTIERE A VEGETATIEI - NDVI

ZONA STUDIATA: U.A.T. TIMISOARA



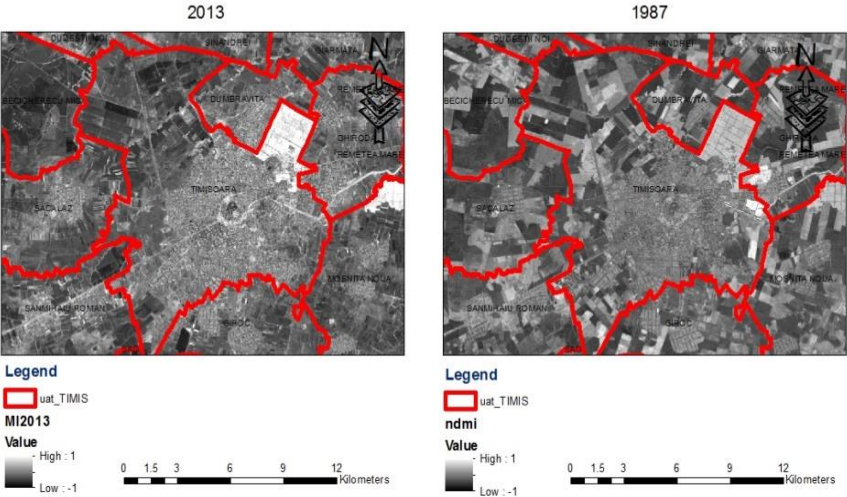
RAPORTUL NORMALIZAT DE DIFERENTIERE AL POTENTIALULUI DE ARDERE AL VEGETATIEI - NDBR

ZONA STUDIATA: U.A.T. TIMISOARA

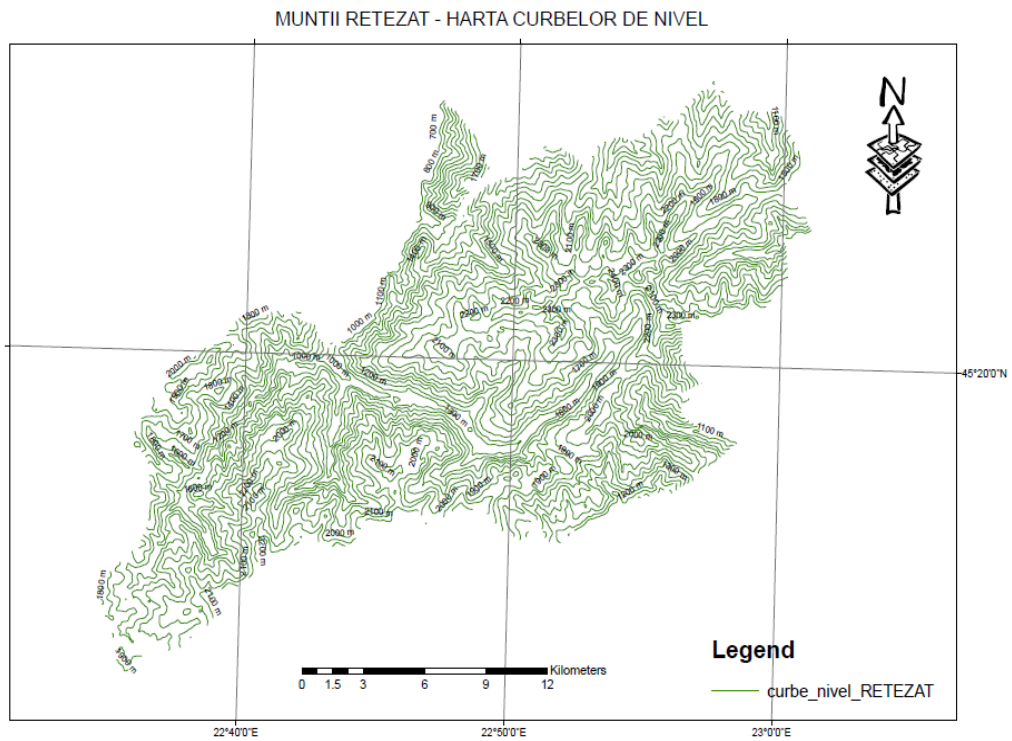
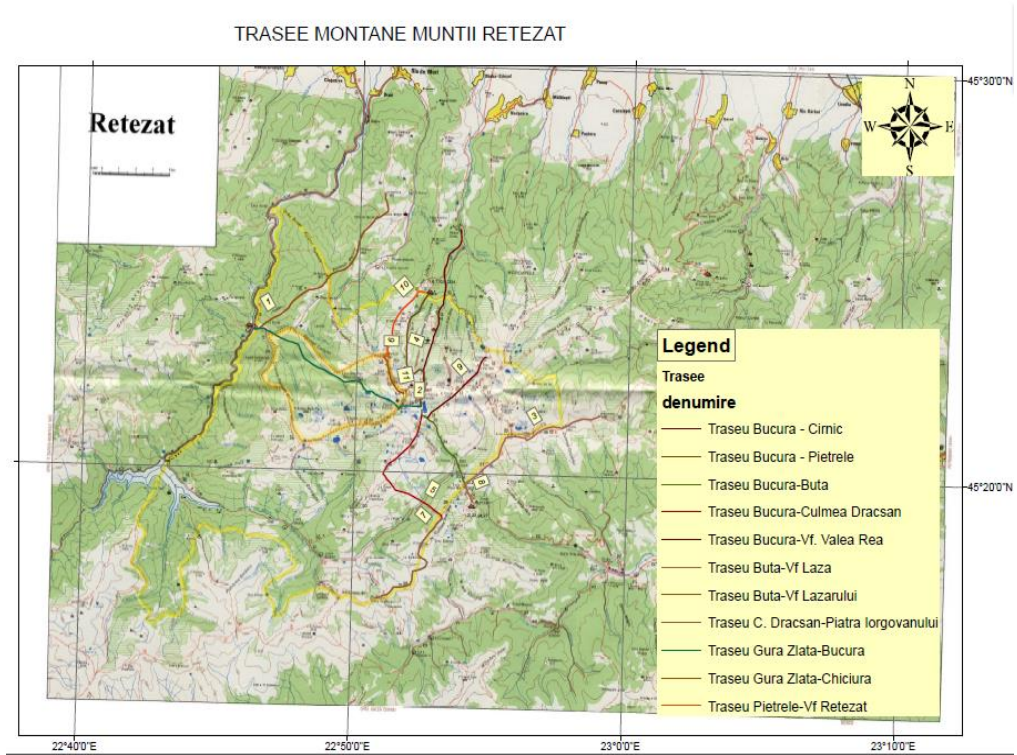


INDICE NORMALIZAT DE DIFERENTIERE AL UMIDITATII DIN SOL SI VEGETATIE - NDMI

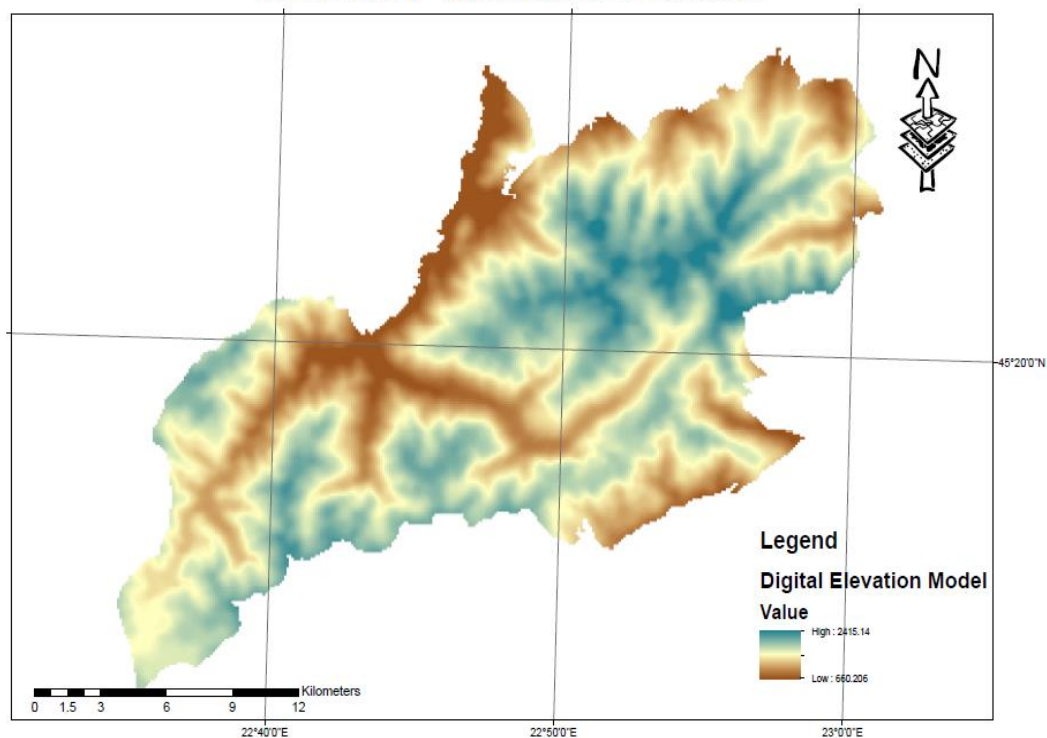
ZONA STUDIATA: U.A.T. TIMISOARA



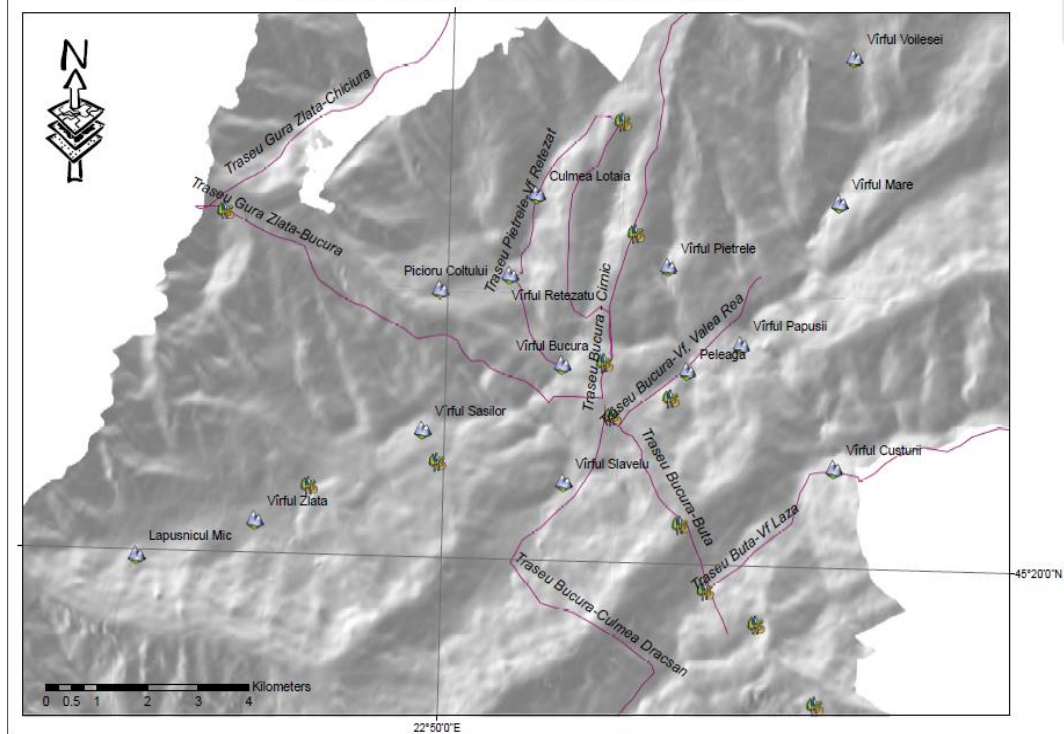
Student: LAZAR ALEXANDRA – HARTA GIS – MUNTII RETEZAT



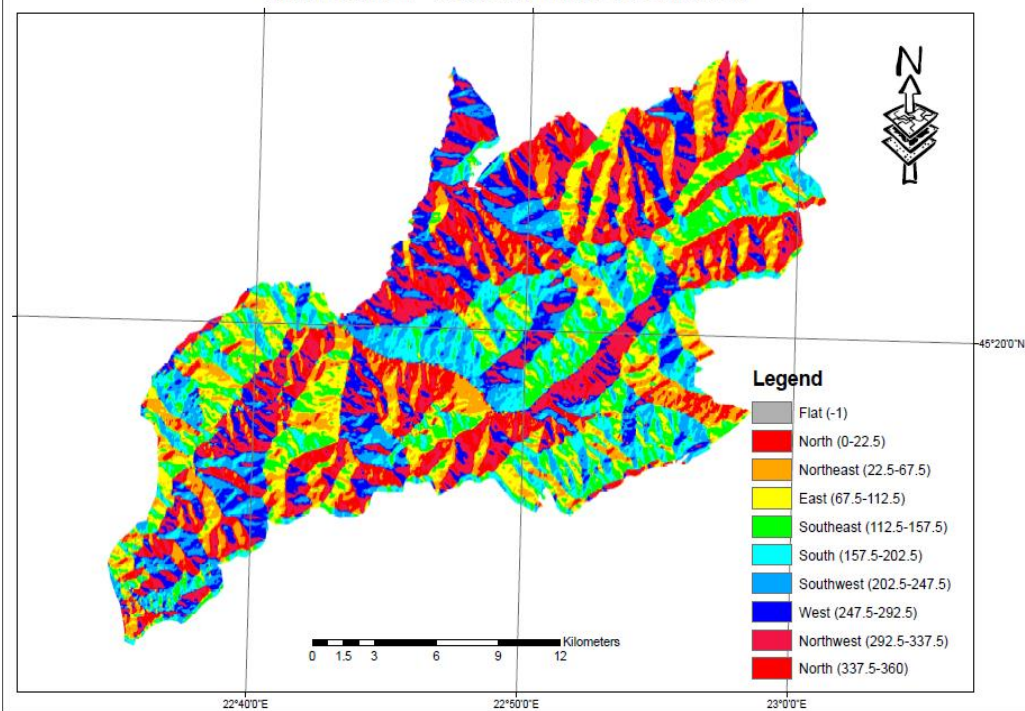
MUNTII RETEZAT - MODELUL DIGITAL AL TERENULUI



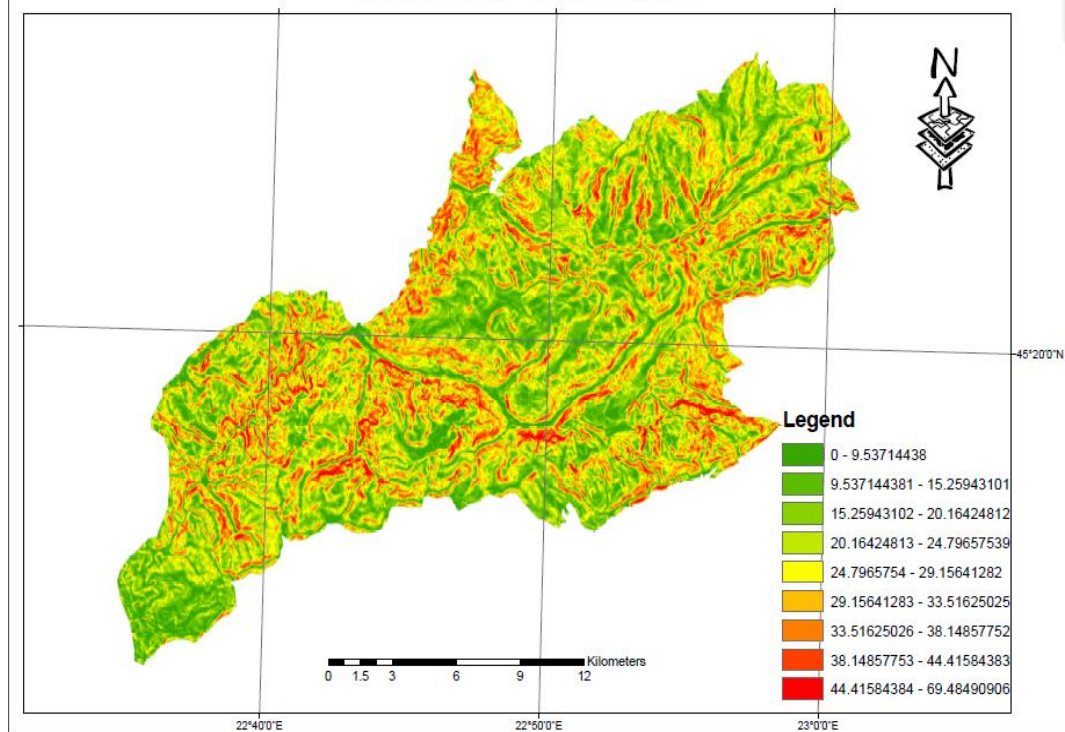
MUNTII RETEZAT - ZONE DE INTERES TURISTIC



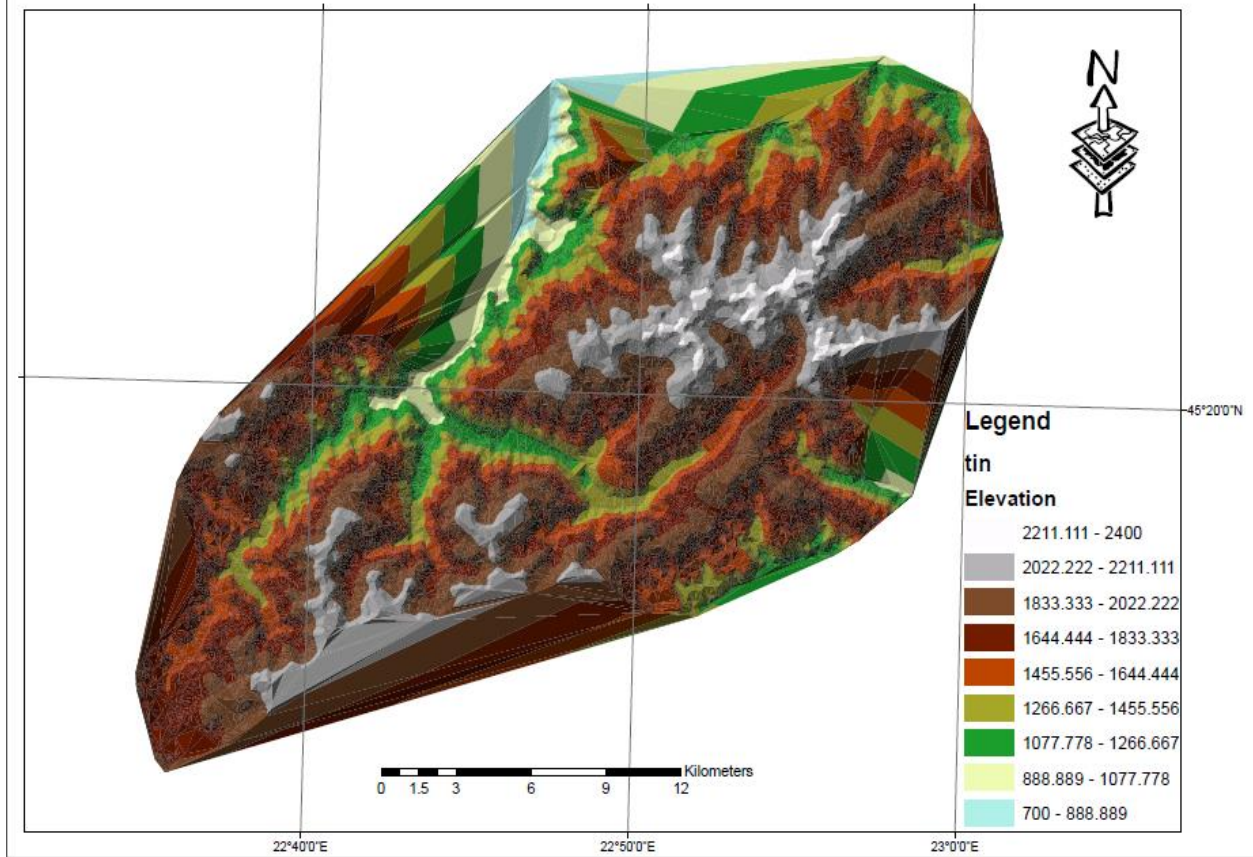
MUNTII RETEZAT - HARTA EXPOZITIEI VERSANTILOR



MUNTII RETEZAT - HARTA PANTELOR



MUNTII RETEZAT - STRUCTURA TIN



Studenti:

GĂDEAN SORINA, GRIGORE IASMINA-LENUȚA, ONESCU LAVINIA-ADRIANA – TEHNICI DE TELEDETECTIE IN MONITORIZAREA SUPRAFETELOR



Combinatii de benzii spectrale

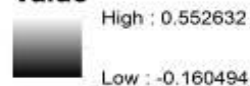
Red – Green – Blue Municipiul Timișoara – 1987 – 2011 -2014

TIMISOARA 1987 - LANDSAT 5
 INDICELE NORMALIZAT DE
 DIFERENTIERE AL VEGETATIEI
 NDVI

Legend

NDVI_TM_87

Value



TIMISOARA 2011- LANDSAT 5
 INDICELE NORMALIZAT DE
 DIFERENTIERE AL VEGETATIEI
 NDVI

Legend

NDVI_TM_11

Value

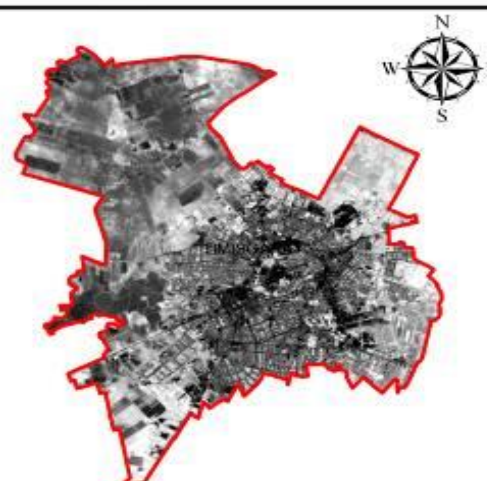
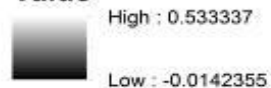


TIMISOARA 2014- LANDSAT 8
 INDICELE NORMALIZAT DE
 DIFERENTIERE AL VEGETATIEI
 NDVI

Legend

NDVI_TM_14

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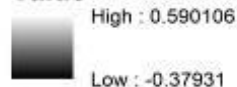


TIMISOARA 1987 - LANDSAT 5
 INDICELE NORMALIZAT DE
 DIFERENTIERE AL
 CONSTRUCTIILOR
 NDBI

Legend

NDBI_TM_87

Value



TIMISOARA 2011 - LANDSAT 5
 INDICELE NORMALIZAT DE
 DIFERENTIERE AL
 CONSTRUCTIILOR
 NDBI

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NDBI_TM_11

Value



TIMISOARA 2014 - LANDSAT 8
 INDICELE NORMALIZAT DE
 DIFERENTIERE AL
 CONSTRUCTIILOR
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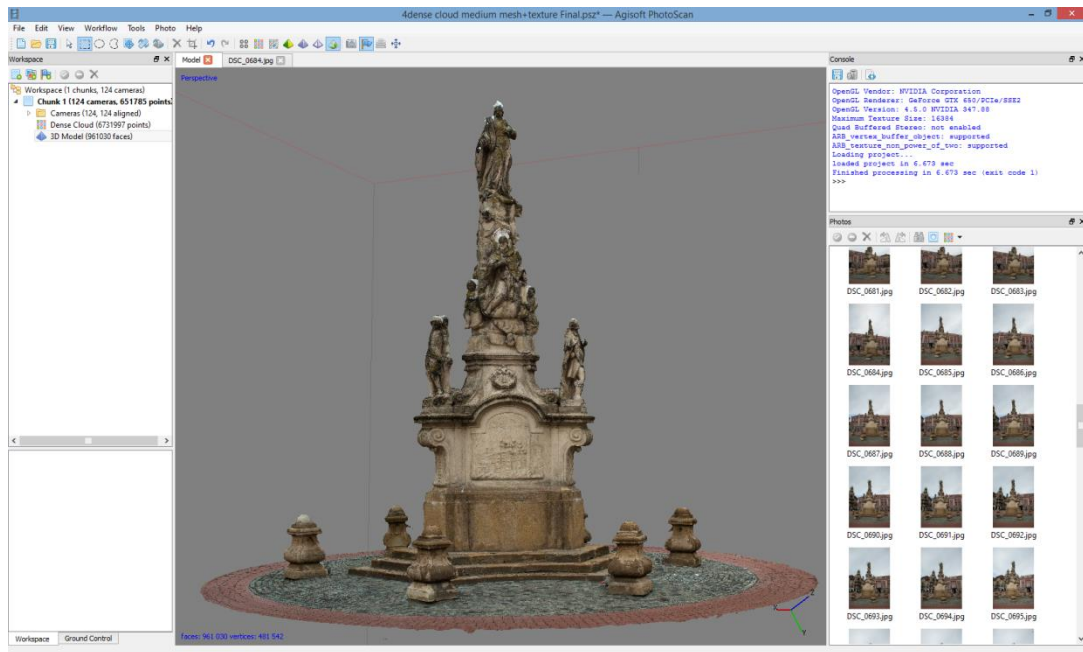
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NDBI_TM_14

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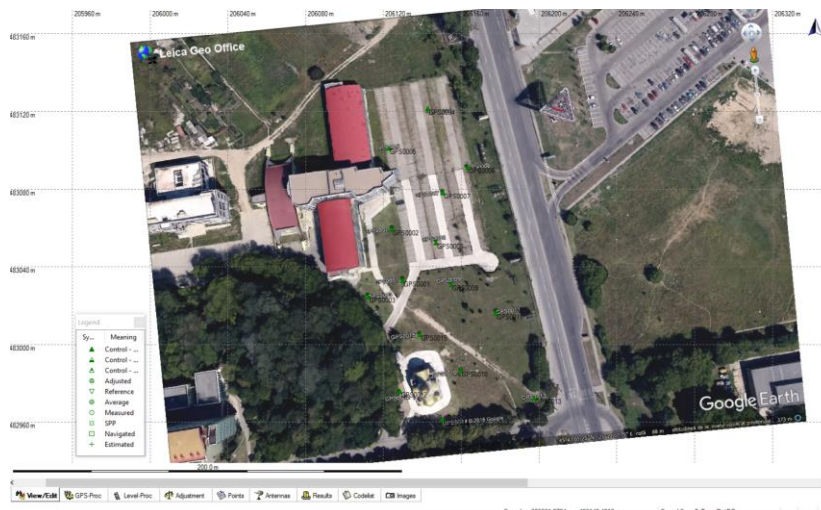


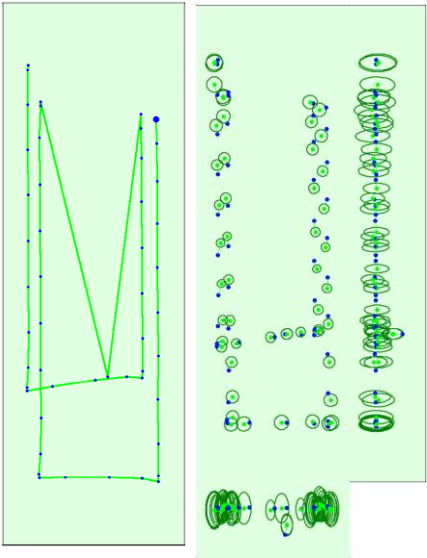
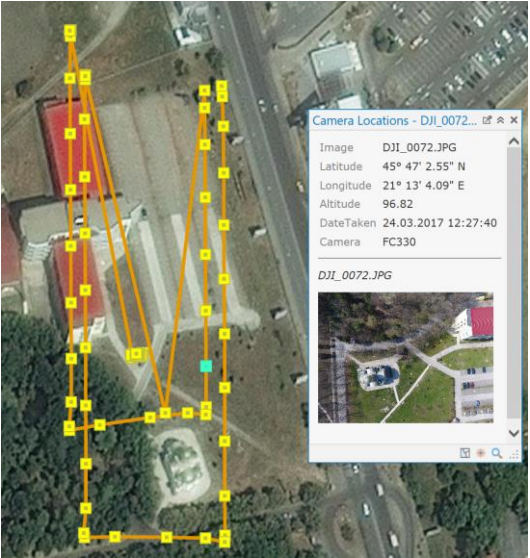
Student: **Nicolin Iulian – METODE OPEN SOURCE DE FOTOGRAMMETRIE DIGITALA**





**Autorii: Florina BURESCU , Nicolae CIOROGARIU , Olguța MORARIU - UTILIZAREA
TEHNOLOGIEI UAV (UNMANNED AERIAL VEHICLE) ÎN ACHIZIȚIA
IMAGINILOR FOTOGRAMMETRICE**





**Autori: Anamaria NEDA , Andrada STOICONI - ACHIZIȚIA ȘI PRELUCRAREA DATELOR DIN TEREN
UTILIZÂND TEHNOLOGIA LASER**

