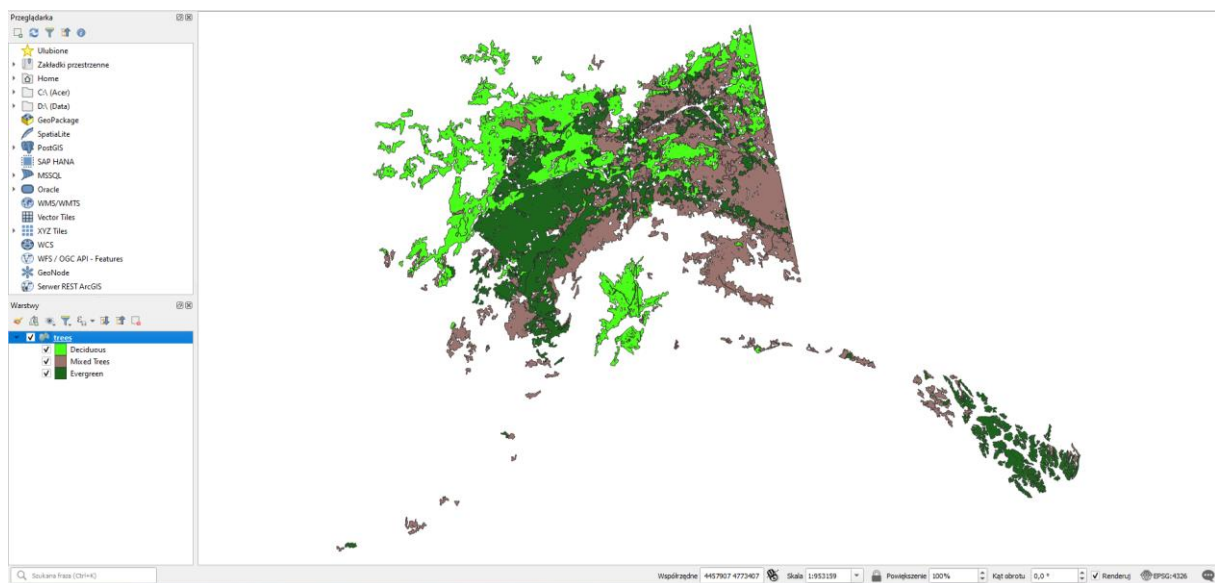


Zadanie 1



sum("area_km2", filter:=
"vegdesc" = 'Mixed Trees')

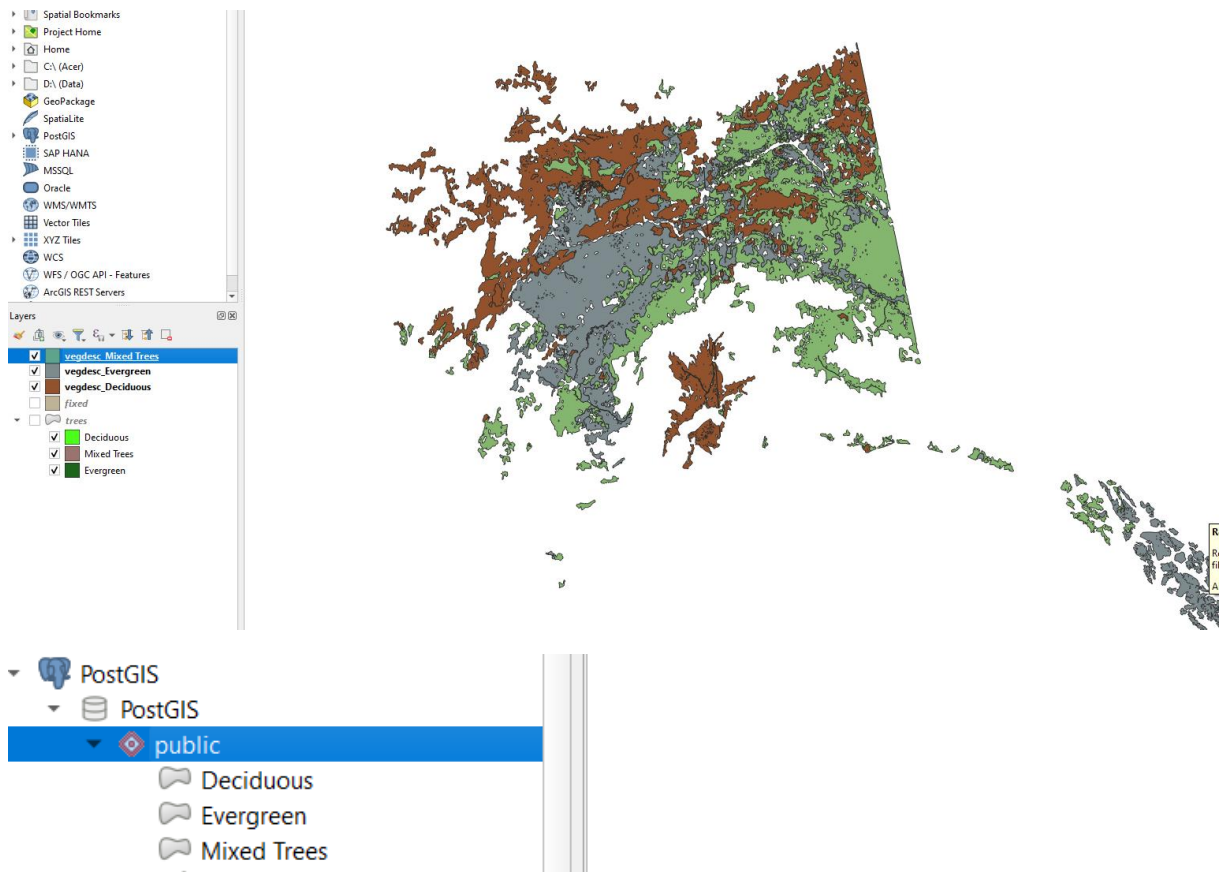
= + - / * ^ || () \n'

Obiekt: Deciduous

Podgląd: 189273,32699999996

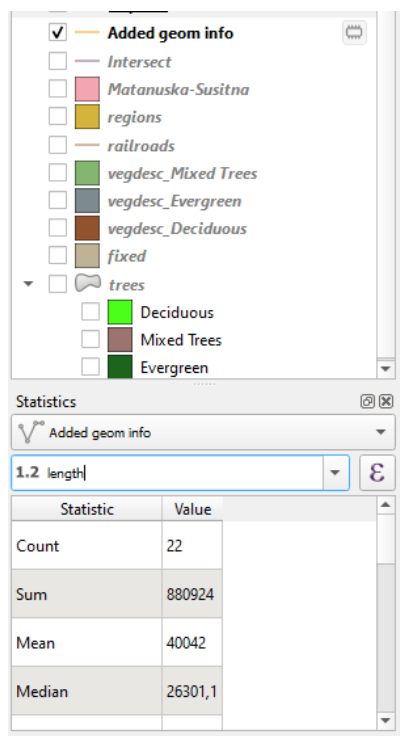
Sum_area
189273

Zadanie 2



Zadanie 3

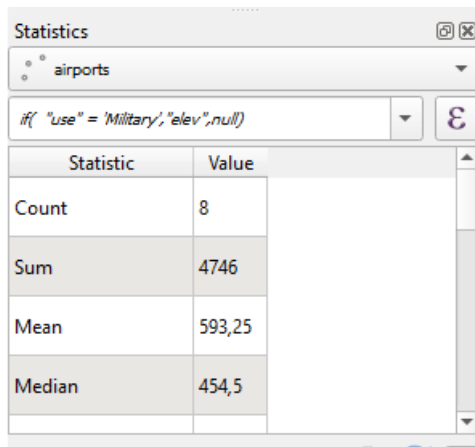
Długość linii kolejowej wynosi 880924



Zadanie 4

Średnia wysokość nad poziomem morza dla lotnisk o charakterze militarnym: 593,25

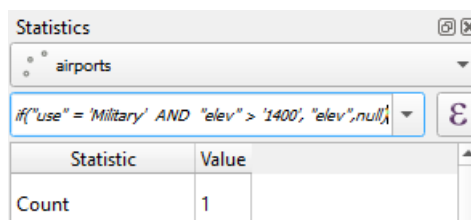
Ilość lotnisk o charakterze militarnym: 8



Statistics window showing results for 'airports' with the filter `if("use" = 'Military'; "elev", null)`. The table displays the following statistics:

Statistic	Value
Count	8
Sum	4746
Mean	593,25
Median	454,5

Liczba lotnisk o charakterze militarnych, położonych powyżej 1400 m n.p.m: 1

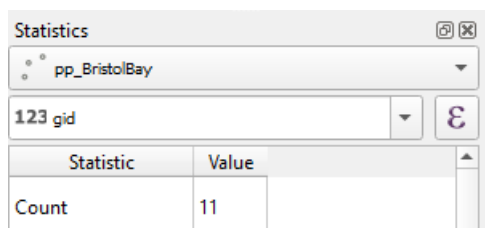


Statistics window showing results for 'airports' with the filter `if("use" = 'Military' AND "elev" > '1400', "elev", null)`. The table displays the following statistics:

Statistic	Value
Count	1

Zadanie 5

Liczba budynków: 11



Statistics window showing results for 'pp_BristolBay' with the filter `123 gid`. The table displays the following statistics:

Statistic	Value
Count	11

Zadanie 6

Jest 11 budynków położonych nie dalej niż 100km od rzeki.

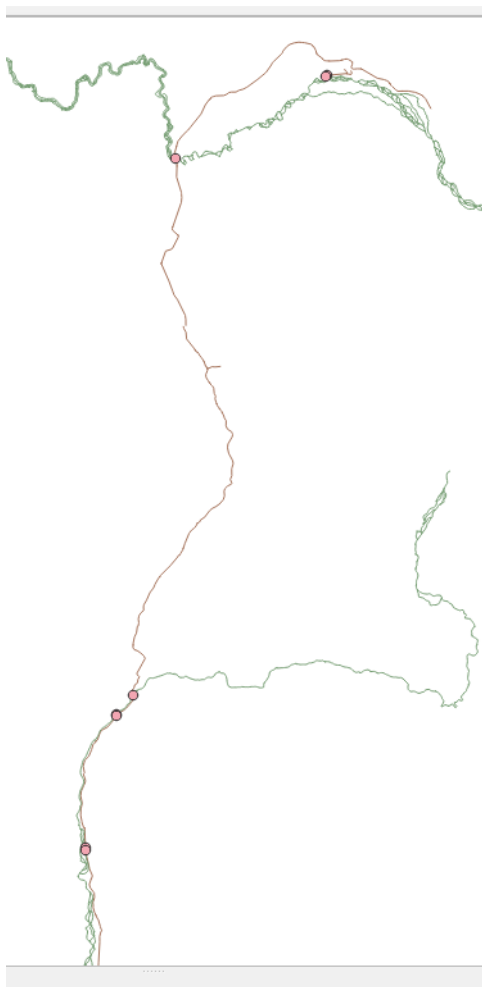


Log Messages

pp_rivers	
Statistic	Value
Count	11

Zadanie 7

Rzeki (majrivers) przecinają się z liniami kolejowymi (railroads) w 8 miejscach.



Statistics	
line_intersect	
123 gid	
Statistic	Value
Count	8

Zadanie 8

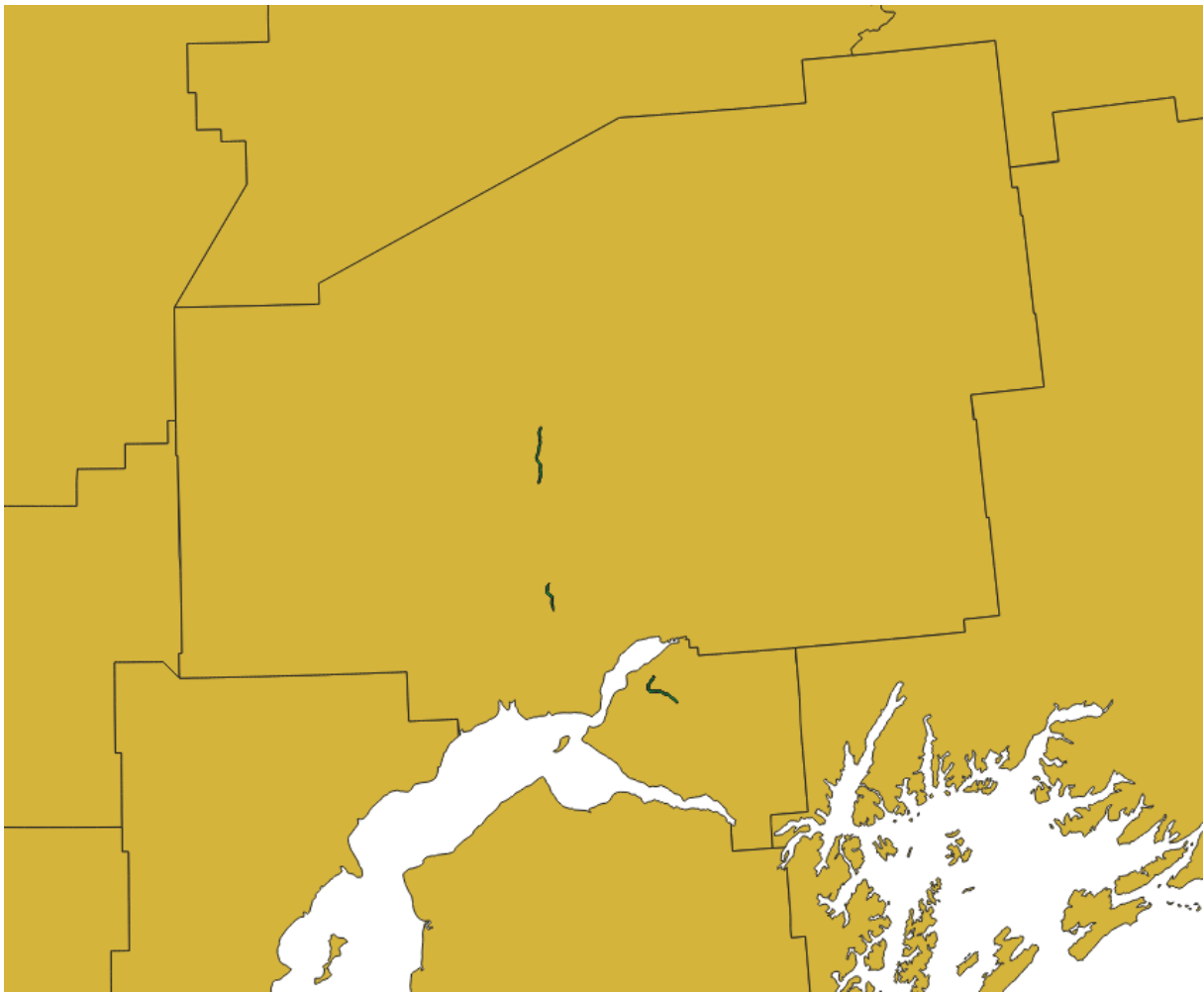
Jest 662 węzłów



Statistics	
vertices	
123 gid	
Statistic	Value
Count	662

postgres - localhost:5432	
Databases	
lab2	
lab3	
lab4	
Schemas	
public	
Tables	
Deciduous	592K
Evergreen	736K
Mixed Trees	808K
airports	64K
alaska	392K
builtups	32K
grassland	1.2M
lakes	232K
landuse	1M
majrivers	1.8M
pipelines	64K
popp	280K
railroads	72K
railroads_vertices	176K

Zadanie 9



Zadanie 10

Zostało zredukowanych 808 wierzchołków

Statistics	
swamp_vertices	
123 gid	
Statistic	Value
Count	7469
Sum	296781
Mean	39,735
Median	48
St dev (pop)	20,356

Statistics	
simplify_vertices	
123 gid	
Statistic	Value
Count	6661
Sum	265508
Mean	39,8601
Median	49
St dev (pop)	20,3573

Pola nie uległy zmianie

Statistics	
swamp	
1.2 areakm2	
Statistic	Value
Count	69
Sum	24719,8

Statistics	
simplify	
1.2 areakm2	
Statistic	Value
Count	69
Sum	24719,8