**VO Selected Topics in Geoinformatics-20231030\_083008-Meeting Recording**

0:02  
Over and I'd like to introduce you to profess appeal to the tapach。he is from the yagalonia University an th。

0:25  
So have your eyes open。呃，you will see we are very spentithr。

0:49  
It's same it same in in that book and wherever you or I am very glad to join this course for the first time。a nn。

1:11  
呃，it's quiet you no rather to呃look at graphity from special thespecting but at the same time，I can not say that this is like the very first approach do it because since。

1:27  
The Seventies and the Eighties of the twenty century gravity was considered an important spash of phenomenon but mostly from the perspective of a guns of a呃，drug。

1:44  
呃呃Lords呃who operated in the down towns of American cities mostly。and that was the D area where gravity was first used us。

1:59  
This so called teletory or America，so basically the gang members use graffiti to mark date tellitory that suppose to inform the people from another gang that this giving tellitory is already taken and is protect。

2:19  
So it was in China，dangerous for the gan members of another gank to cross this symbolic border呃，of of呃，Tain ite。

2:48  
Developed most in sociology in this area。but we，as you can see already some spasha con Dr。

3:14  
So the groups of呃呃football supporters，who are considered very close to the world of criminalike TV diss which they also Sometimes，呃，Sometimes th a。

3:44  
Let to starting the experience of recelting football inscriptions as as the social special data。when I moved to crack off，I was \*\*\*\*\*\*\* as where I was boring in Polish of S。

4:13  
呃。I never so so呃so many of them，呃呃呃，before clarkof and what was \*\* special about this flag is that among Polish people clarkof has this very specific image。

4:33  
Of being the Cultural Center the forement capital very important historical place so you know it it brings specific image in your mind and to be covered fully with a graffity that often contains a very Vogue language even defrat somtimes UDA。

5:02  
Is something that you you wouldn't expect from Clark of especially in such a amount so that once like the first a first a major impulse that hit me in a way because I was not prepared a forty amount of this a phenome。

5:26  
As I'm。should you aware football grafty or football inscriptions，呃it's not the only let's say claficid。

5:48  
We have actually呃quiet a large spectrum of a different phenomenon us，呃that we can呃in generally call呃as graffiti呃，I know that propab so F you。

6:18  
Cruise of writers who specialize in basically multiplying dare names in highly stylisters all ovete。

6:42  
As any kind of content of呃，graphic and Sometimes，呃，limited to呃呃text呃呃，that's made by the use of呃呃呃呃呃spray呃do do。

7:04  
你们的definition，is for this purpose，strictly technical，we may say，but you write if you thought that it is more specialize。

7:23  
There is a certain approach even in insocial Sciences to basically finger of graphet demostly from the perspective of a very specific social practice made by the members of a few a subcultures so I use it in in arbit wider呃呃understanding。

7:47  
What is very important when you think of craffity and special are spects and social as where？but here are the gaw Gu。

8:06  
Because of the important part of any definition of gravity is this informality or even more seriously elegality of this phenomena so basic in jour尼。

8:27  
Gravity appears us totally eliga。it means that the owner of the space with it appears。

8:38  
Is not a loving this to happened or is mostly never asked to do for the acceptance of such a action which also creates very specific Special Situations when and where graffity may appear graffity is Sometimes call。

9:02  
呃as呃呃呃呃呃呃as higher visual phenomena呃，with the goal of of gravity to be accessible for the eyes of as many people as possible，but at the very same time，the act of creating gravity suppose to make the outtor invisible。

9:30  
Which means that either is a made at night or in some circumstances that may be actually dangerous。so that's why Sometimes you can see that good H。

9:52  
And the safety issues related to gravity is it are not the important issue both spart and so short because it may actually lead to some dangerous situations，unfortunately in in many cases over the years to defth of claffity writers。

10:16  
Even some established grafty writers died because of some behavior that let to do UT F。

10:38  
呃。and this is actually，呃，呃，something that I would say呃，spread，呃，呃number of walls呃，DD Aria of spaceww。

11:02  
Actually，in the case of some cities，and I would give the example of Australian cities，which are heavily marked by a gravity the autorities deside that to fight against gravity by alovinit in second parts of the city。

11:24  
Because day day，I knowledge，the fact that gravity is a popular phenomenon among \*\*\*\* people it brings money it brings jorick。

11:48  
They became a widely popular on global scate。and actually the other people hold trover the world to look for the works to look for the so called pieces of famous artists or almodatis so。

12:15  
Specially work，US Open space galleries and that's why a for for some tourists for some people，a gravity and mulars are demost accessible type of art in compared to galleries or museums where you have to Bay an expra endrance Fe to SC E。

12:43  
Basically you don't have to do there are no limitations，which actually is important and was important。especially in the everydays of graffity because it was recognized us the most accessible a type of art so as you can \*\*\*\*\*\*\* see from this introduction。

13:08  
呃it's very complex phenomena from the best spective of social science is because it。it is connected to Accessibility of art and not just it's special aspect but most the special aspects of Accessibility to art呃it's a Mother of of a relation。

13:35  
多多多crimina呃呃，behaver，呃，you know feel readinig。

14:05  
To research呃safety to research，呃。criminal activitisaia。

14:35  
But mostly，as I said from the best bective or of of crimina an NUS。

15:04  
Any kind。ask yourself a question，呃，what could be the lega situation of this given phenomena，呃，is it legal or is it elegal，呃，especially the world and the acceptance for this a picture。as you can see on this light，I chose to start this presentation with。

15:28  
呃this，呃，basic free a major，呃，types of special，呃，and legal situations，please，we have legal newless，呃，which is a rather呃still rather，fresh situation，when it's about a ablp。

15:50  
Because it smarrow or less a decade when，呃，last decade it's the time when when mulars became important and popular，呃呃，to used by autolities to for our budren over prphr。

16:11  
Think of it as kind of ironic that from one hand，I said that city is fight against this phenomenon at the same time，in some cases in some cities in certain every years。

16:27  
The cities actually use a form of gravity to find for this areas to make them more estatically pleasing。so the people would like to visit this place。this areas you should also know that this is something that created a major conflict within the。

16:54  
Society of a graphity ridders and mulanies because in generally the subculture of graphity a grew from the perspective of a protest。are gains the mainstream approach to basically anythink a protest are gains the statepa。

17:23  
The people who are some point found the way to a group of gravity writers呃，are this point to be paid by the localitis Pata Thu。

17:51  
Being untine gravity writers so it created this conflict are \*\*\*\* DDDD the people who are somehow involved in the world of gravity。

18:05  
So you could think that呃，呃呃，making a呃in some areas in some cases a gravity vigar would somehow help above the cities and the gravity writers spasie L。

18:30  
呃competing social呃groups，呃and and very competitive approach towards this a subject but。嗯，let said the legal graffity that appear呃呃呃，even的out。

18:54  
Majority呃is the elega呃呃phenomena，呃。you also should know that in some CDs and it it also became quiet popular there are specific walls or specific areas。

19:12  
Where it is known to everybody that is League to paint them whatever you want to。呃，whenever you want to，you may do such think，呃，usually，these are not the most I would say visible locations not the senter ones。

19:35  
\*\*\* \*\*\*\*\* are places in city that where is legal to make gravity？in some cases is a private in some cases private decision by owne RA。

20:04  
They to do the places that are owned by the city，呃，to do this it Sometimes the呃，the the IT Sometimes a wall of，呃，som cutin。

20:31  
So。呃，we can not say that in China rally in all the cases gravity is illegal，but in many cases it is。so you have yet another special aspects of this phenomena is relation to the ownership \*\*\*\*\* but for my perspective of course it is important if it is allowed or not for graph it to to appear in space。

20:58  
But I mostly treat gravity and its content as the information，or about the place where it appears so my major \*\*\*\*\*\*\*\*\*\* is that gravity are bear in the place where is someone things？it is important for a very specific content to be。

21:27  
Put into the public eye here you have a an example of graffity that is rather rare，but in my opinion especially important because it let us meet our neighbors that I usually rather in hidink or in generally in hidink and desire they represent thatives of some let's。

21:54  
Amanda list呃social groups呃people who呃，are close to呃rather rather very specific ideologies with a very specific CAD R。

22:21  
The condition of social economic situations and basically it choses us yet I'm not there usually invisible layer of the safety here you have some examples on the slide that may be wear familiar with because this is durial case where the sign is AI would say a recognize the bull and possible to understand。

22:48  
Basically globally，呃。especially，the first one，the numbers，one，three，one，two。some people think that Maybe it is some kind of a year，Maybe this is some kind of historical event that this numbers represent？but actually this is the way the outtors of this kind of a sign called the letters ACAB。

23:19  
That means all cups our starts and this is quiet。I would say popular approach to the represent that tips of the police that actually connects different ideologies and different users of gravity because these numbers or some dance letter and a letters imt。

23:48  
Many places all over the world，you know？II was able to to support the science basicly on most of the I most of city I will is。

24:18  
Find this kind of gravity as connected to both nationalists and liftists to the football supporters to gravity writers so we may say that in a very ironic way，this approach is somehow you uniting the members of subculture but also I don't want to think about this kind of its sign？

24:45  
From the perspective of its direct meaning of Corps meaning the police only this actually represents the state and its structures。so it has a deeper and wider meaning the police represents a very specific dype of power and this is are not the concept may be you are alegr。

25:13  
More呃呃呃呃of a social studies the concept of the the the the呃呃呃the right to the city，呃，which is a very popular呃concept in in urban studies that呃，tries to呃understand the appearance of such。

25:35  
A activities as gravity actually as being one of the examples of a fight that we are all somehow involved in for the right to the city。呃，some呃，fight for the city by join ink the groups of arban arctivists。

25:58  
By becoming more active in a being involved in the creation of a special plans or by voiding for ACV budget呃projects and some呃use grafity so it is not only a master of呃，you know呃，physice。

26:28  
And being found us is not just a criminal activity that may be，of course，research from spective yet are not the layer of speci approali。

26:54  
You see，below。the photos what it means，good night left side，呃，and this is，呃，a very popular。I would say，呃呃content，呃，that used by呃natai O。

27:22  
呃。on the world，it is a very specific one呃，it is got it it it，it is a type of it all called salty cross，呃，which，呃us by by IE。

27:51  
The side of the slight。it may be destroyed，but not just by erasing it or paiding it over by the honor of the world。but it may actually be answered by the sign used by untine fastes a movement。

28:15  
These free iros呃，this is a popular and high recognizable is sine by the left lefgr。

28:43  
呃，is some kind of a discussion，呃，dispute conflict，呃，discorce，呃，which is also arenoter popular approach to，呃嗯的。

29:05  
So it's not just about the fun。that is，of course，this is the first idea and the first thing that comes to our mind are citizens。you cigar are fitty in most of the cases，you are rather made that it appears this is something and wonder this is usually something that will cost you some money to remove if not directed and indirected by the taxes that you pay。

29:33  
So from the perspective of the see desent。this is the demolition of space this is a vandalism，but I just want you to think of it not only as a physical，呃，problem，but I want you to think about the deeper meaning of what descripty represent，think who may be outdoor and why someone uses this form of Communication。

30:03  
Because if we can understand what it says，it can actually bring us some idea why someone makes it，and if you know the phenomenon，if you know what it means，you may you，you，you can，you are able to add the liar of functions to it。

30:24  
You may think about the social economics situation that lead someone let someone呃，to to to to cause this act。

30:34  
This is Clark of on this line that I'm showing you right now，呃，usually when people speak about Clark of they start with a beautiful a picture of the Castle，the old towns Sometimes，嗯，I know a famous land，mark uce。

30:56  
To be，remember by and we want to create a specific image by starting with this pictures pictures，boss card like images。

31:08  
\*\*\* \*\*\*\* is the real city，the the city，呃，with which，呃，citizens have to deal with this is our lands Keep not the father cast to not the Old Town。you know，it is pretty funny。a anybdn。

31:38  
That this is our daily life，you know，I am us constantly，how often I am visiting the Castle or if it is weakened I am probably going to see the Castle，The funny thing is that I am going to see the Castle mostly when someone visit me and I have to show it to do some colleages or family members who visit to see the our life，of course。

32:08  
Appear function呃呃，up is as well，so as you can see the the walls of the city in many cases are covered with，呃呃rather far from呃呃won that呃，estics，呃，often ANC。

32:32  
Need before is for gar。呃，it brinks a very unfortunate approach to呃to呃，the appositopproach IS。

33:00  
So when I moved to Clark of I asked myself a grassion，what does it mean when I see a graffity，呃，that expresses somebody is，呃，football，呃，orienatoi S。

33:26  
呃。if I can \*\*\* it as a special information and I was wondering as a georgrofer again，if it expresses specific special pattern。so can I use graffity this kind of grafity made by football supporters to roll a boater，a limit between different groups of supporters。

33:56  
Does it work like this？does it have this very specific special or that or Maybe it's a mixed of sign and everybody does，呃，what ever呃，they they want to and where they want to。so do some up this introduction，呃，I found out the so when I move就都。

34:25  
呃。of course there is a lot of money being transfer from our private pocket and from the official budget of the city into actually fighting against this phenomenon，because you know legally especially undro。

34:53  
又又wait for the police to find the out or something？no，you are the owner，hrf。

35:20  
That are specialized into that kind of older in space，but many people have to deal with it on their own，so this is an economic，aspect as well。it is connected with some extreme but alogical events。

35:38  
In what way？呃，you will find in look and media from time to time。the information that someone was killed because of the competition betwin and confident groups of football supporters。of course，in some cities we have dietly combt。

36:08  
We call this cities there be cities，in some cases you have one leading football，Tim，but still even we win one football。Tim，they may，they could be some conflicts between thers about thers this topic from time to time ADP。

36:31  
Because of course it as everything nowadays it became a touch to the politics \*\* \*\*\*\*\* parties especially a populish parties，they try to use the support of football supporters to gain importance呃呃among的pre。

36:59  
As you can see here on the light，呃，this is like a typica form。I would say more or less of this football clasilo。

37:23  
Imagine that。呃，when I started my experience with clarkof to gather with my supervise or we呃，totoe。

37:44  
And I was asked pretty，I would say shocking by one of the students date nu。

38:07  
Never heard about people in clack of in generally being serious supporters of you want to stolen I knorth off。

38:35  
A safety guard film basically it's got to ventures。it uses this kind of a sign to inform that it products I given the probality so from the perspective of the visit door of the city。this is a gravity of some kind that expresses our football brever ances。

39:01  
So there is a great gap between the intention of the outdoor of a sign that appeared in space and what it means，you know it，that is Nothing。Crown we've having the image of being a support that of you went to stolen but unfortunat they as you can see on another slide。

39:21  
There is are not the issue that comes with the gap between the intention and the effect that side may bring here you have a picture form some walls in Ki。

39:51  
You know，classof，呃，was an important Jewish center，呃，be before the second toward or we have the whole呃。

40:11  
As a part of that，say sentiment are tourism。we have many tourists coming from miser or we juich harried from basic all over the world who comes to Clark of if not for studying then for at this song，a short period so imagine what they can feel when they are we cor。

40:40  
With ethnic already just background。these signs are relate that specifically，do one \*\*\*\*\* of supporters that call themselve juice。so when you look when you see the world in Clark of covered with the the the the the the the sign that says you the gang。this is the sign made by the supporters of。

41:07  
La covia one of two major football teams why that why they decide that to call themself juice even though they are not juich you may ask it because of the history of the football team that was a created in nineting old six and was a very popular I'm on juish peplr。

41:31  
During Inter world period before be between the fast and second toward the world。and this was the football team that was welcome for everybody to be actived to play for this team to support it。if you were cartic Jewish or a basically of any different religes or anexp。

41:57  
That was the approach of the team of clarcovia at the same time，呃，the oppositing，呃，the team of this war clarkof was three polrt。

42:23  
呃。that。that was。呃，the very important thing that made the different a caracovia was open for Jewish a players and Jewish supporters with Ware actis not that much。it is said that it was acually oppos ID。

42:45  
Limit a number of Jewish population living in in the city of clarkof since the the the second Ward or and that the heritage of this specific background is still somehow active a present in the conflict between supporters。you should know that this is not the only case。

43:11  
This kind of heritage，呃，indirectly，呃，is still present呃，talking ham hosport famous one of famous football teams from London is also being grade is also rekr。

43:35  
Even though they are very few juice actually supporting the talten ham hosport。the only reason why the supporters of this team are called juice is because the first statume location of this team was in the idea where many Jewish people settled this was the only reason。

43:59  
Also，I asked amster them supporters，call them save juice and are being called juice。it has Nothing to do。dairy clean nowadays with their religious back cloud，but if you say。

44:18  
Andescription of that is a touch to the world。draw on the world for majority of the people who is going to see this sign。it will be understood as undestimitise I。

44:42  
How long you have to stay in the given city to be able to get to the true idea behind this sign that it's not about actual Jewish people。the chances are rather aload that people who visit the city for a short time have a chance to get to this reason of the sign。

45:12  
And interesting think is that when you ask people who live in Clark of why these untite semi deserves Sometimes appear on the Words they are very protective and they say no no，no it's no think about the juice it's Nothing a relate to untite semities。so they think。

45:33  
That when呃，you somehow，呃，呃，take the world to out of the religious content content and put it only in sport content。呃，it makes it known unterstimetic but。

45:54  
Problem is that from the perspective of many Jewish people。I think I may say，may Jewish people it's still under examities whether you want it to be related to religious or ethnic background or you think of it only as are touch to sport。

46:17  
This is and that semities。so here you have are not the special aspect of this issue a decreation of an image of a city，you know，we all pay a lot to be recognized as cities because cities compete for business for cultural events for tutis。

46:41  
They want to have an image of being open welcome everybody and especially in the city of Clark of that wants to be recognized mostly as an important Cultural Center。

46:55  
So it's very hard to say that we are so open when this kind of the process of of informart creation of an image of of the city of clarkof us arm day semedic appear。

47:13  
You know，to reserve drink on the examities and nddd。the problem itself is a major research issue。here I am giving you its special us but indirectly，so after all this experiences I got to the point when I realized that is not just interesting to read the girl of a。

47:41  
To think of it as an special phenomenon。I started to think of it \*\* \*\*\*\*\*\*\*\*\* does important not only interesting，but also important when people died because of it。when people think of us in a certain way that we don't want them to based on the world，they read on the world。if it pays us are not to remove this phenome from th。

48:11  
I think that it is far from only being intress that you know from streetly sin defic point of you。this is something that create social economic many social economics aspect of space。

48:27  
What is the possible approach to this phenomena from let's say呃呃呃呃perspective of course they are rather limite呃for。

48:56  
You know，I think of myself，us let say classically Tring geographer，呃，for whom？呃，field mapping will always be the top呃experience not just，you know from the perspective of getting the data field mapping is a Bart of important batdf。

49:20  
It is possible feel radically to use Street View，for example，and Google elf to you know a check what on the walls，呃，but，呃，you know，Sometimes there is something that blogs you from actually having good access to a given I'。

49:44  
So basically when you are making feel mupping you may a actually limitate all the struggles that you would have if you would you street you and go go are to to呃，have a look at what's on a walls but for me it's always even also about experience in the city。I think that you know it's not just about。

50:12  
Getting the data it's about a feeling a hearing a the place呃呃observing the people，呃，if they react somehow on what they see on the world，呃，so it is a matter of a deeper and greater special experience so呃to呃，be able to see the city，呃harws'。

50:41  
呃specially呃呃。by reading graffity the only way to do this was to map this phenomenon on my own so I took it bike and I started to呃，to bike a street by street and I attracked a building by building object by object for。

51:10  
呃any呃kind of a，graph did that would express呃football呃preferences of people，呃，of course I呃，make photographs of everything I found and I need it呃，sparcial information so it had to be a touch to geographical codinat。

51:40  
You have to呃呃no，that the first呃feel the mupping I呃，did was into thousand and six so it was a lonksa。

52:10  
的limited especially for mobile proposers so my first mark pink，呃。I did with the use of actual printert map end with actual camera。it was already a digita km。

52:38  
Later，when I repeat this field muppings of the city of Clark of within its city limit，I was able to use my mobile phone呃，with gaur P。

53:08  
And you just export this photos from your mobile phone into GIS software I most us Fr。

53:36  
So it is very useful，you know，then to \*\*\*\*\*\*\* it and basically also to to treat the locations of photos as points on the map as \*\* \*\*\*\*\*\*\* data。as you can see，I was able to map a the whole city of Clark or three times wiving it city limits it took me about thirty days。

54:05  
Of course not，not at once，but with some blakes，because，you know，I had of all the applications呃，so it wasn T that easy to do this because it's very time。consuming and to see the horse city of crack off，you have to take or together about two thousand kilometters of vot。

54:34  
They hard to be planned are cleased some extent why because there are second are years where you don't want to appear in a second time and you may be，呃，may be surprised what actually in back that my plans of different rule ad。

55:03  
People don't want to see adult man with a camera need by these places people get made and it's very understandable that they do in such case so and this was important because the buildings of schools often are heavily covered with graffity so I couldn't to know skip thes buildings。

55:31  
I had to adocument what covered them。but I want always not to affect。the people who use a given place。I always waited。if it was free of people not trust this very fragily location。

55:57  
This is somebody's house or even AA multi family building，and you see a people speaking in front of it。you don't want them to do notice that you make forthous。

56:13  
They probability and Sometimes of them，so I rather，you know，they can backen。

56:43  
Close to the line of a comfort of people。the relation be an and basic you don't want to affect with your research in any way the the the the space you you research呃。so here you，you see a mup that shows the roots of one of the muppink呃，I use呃sport UPS。

57:12  
Heavily in my research because this is the easiers the most accessible呃type of UPS that let you呃also。呃save th ths。

57:40  
It is also a mup of harvest space of a CD a reachable by bike because呃，it is much it，it is of much greater meaning than just my my research。if I would do this by car，it would look trr。

58:08  
So it is indirectly also a marked of the Accessibility of space，a bicycle a technical Note that is very important is that have to remember that whee USA th。

58:32  
We actually use the data of the place where the person who took a picture stood and not necessarily the object that the person photographed I had to remember about this because you know，Sometimes you are just by the world and the graffit is like a meeter in front of you。

58:58  
But Sometimes it just impossible to go so close。呃，there are fans。there are dogs that you Don T want to be adducted by you want to。呃，you want to consider somebody THR E。

59:27  
By the use of zone and you have to remember that when you are later exporting these photos to GIS software that the geoglaphical codinates as the codinates of where you stood and not actually the phenomenon you can see here on the smap that it's the matter of few meters of a different。

59:54  
It depends on the zoom。of course you can say OK，\*\*\* \*\* eat all depends on the scale and how detail the day that you need。I can imagine that the song cases this kind of a difference of few meters within the holspace，it doesnt hav to impann。

1:00:22  
And when the given object is important for the best，who did this given a graffity，you cannot think of it as not important。the exact location is what mothers here it's significant for the phenomena itself。so you have to be very careful in how you treat this data。actually street you。

1:00:52  
呃is very呃supporting呃source for me because when I see the points that represent the foods and when I see them，呃，are being far from the street that I backed I CIC。

1:01:18  
In do it being，you know，actually，where it should be。so not the location of the of the呃呃，beson who observed this space \*\*\* \*\*\*\*\* suches，呃，but obset up。

1:01:46  
Was to understand what is sistic content of the graphity because you know if it's just the name of the team you can easily attached to a one second of third football team the pending on how many there are in your city，\*\*\* \*\*\*\* even do the language。

1:02:10  
That呃。football supporters use is may be not that complex are fast actually，there are very important additional information that you may read from it。especially let said emotional content，呃，as I said before，there are defret Sometimes Sometimes they use rather direct persona。

1:02:40  
Approach to the opposite side，呃，you，you will find the the names of teams are touched to the names of neighborhoods so you have even Stronger even pigger take you take your aspect，which is not only a touch to a point of a graffitivated appeass。

1:03:09  
So呃Suddenly this呃research is no longer only about points呃that graffity represents but it's about another layer of another form of space and another aspect of spares which is special identity。can we say that by reading？

1:03:37  
This graffiting we may actually attach am is set and identity to a horse special unit identity being connect that with supporting specific football team and as I already taught you are this historiis。

1:04:03  
Different approach two呃certain events in history。呃，this is much deeper呃，and much a greater than we first think。呃，yes呃，it it it gives you this chance but are not their features of the content gives you yet are not the layer of information I told you about this so called saladic clors。

1:04:32  
That is a sign of neonarty呃，movement and you can actually see it not only in the case of football supporters，but in many cases all over Europe。it is a part of many examples of grafit why is its IT？

1:05:01  
嗯，they are often attached to a nail nationalist ideologies，so you can \*\*\* it as a proof，呃，that support this \*\*\*\*\*\*\*\*\*\* that football supporters and I kaughte。

1:05:32  
Am above the \*\*\*\*\*\*\*\*\*\* that there is a strong a relation between supporters are please to so call holrl。

1:06:01  
So the the construction of language。as we call it was important，I had to be able to learn what it don't means。as I told you，I am not from Clark of originally，so I was not raised in the landscape of this conflict so to learn what all of it means，of course you start with let see logic of the language。

1:06:29  
They use Polish language after old with some elements of English but it just to speak the same language doesn't mean that you will understand everything they use？apprivations of very specific content disgraphity it should be understand the boat for all the supporters，not necessarily to all the public。

1:06:57  
It is said my secret language that have it said my secret language said my because to so my extent it。

1:07:20  
You for for some of it can be not understandable for you so I have to create something呃，like a vocabulary of the language of the supporters呃，to be able then to actually called the data from the photos。呃，what is important for me is the fact that。

1:07:47  
When you taking a picture of a gravity，it is not just the content。of course，you may retrieve actually，many different date up from a photo of gravity。of course，some of it is derilated to gravity so，but it also a photo of its background。

1:08:10  
It is a photo that gives you a chance to establish certain aspects of the vicbityoo。

1:08:32  
So Suddenly，it's not just A to a make the gravity in model in the way but also to collect the data about a special features of wallet appears so a after completing a feel the maping I \*\*\*\*\*\*\*\* every photo I took a for every gravity。

1:09:01  
And I call that，呃，the information as I call to already，because it was Jill darked，or at at first I just wrote down the atress，嗯，I create that rather T because spacial database at first it doesn't look like it could appear from this kind of metdrot。

1:09:28  
嗯。imports partial data ographical codinate from photos to QGIS arglest when I already call that everything，I was finally able to actually visualize it。and that was the moment that was I would Tay the hardest what kind of？

1:09:56  
呃。approach should die a take to visionalize this date up at first for me。呃，since it was a graffity dealer point。\*\*\* \*\*\*\* as I told you，I was thinking about reading the borders symbolic borders in the city。so it was more about lines Lina elements of space。

1:10:26  
Then，as I told you IA noticed that it brings the Slayer of identity of the people on yet another scaled and another special approach that is small or Surface or Polly gone like so at the same time this day。dare that initially。

1:10:54  
Have a form of a point you can think of on as point as lines or poligons so basicly，you know all kinds of victors this is DDDD quiet common approach。I am aware of that and very much TIS approach to the world basicly。

1:11:17  
\*\*\* \*\*\*\*。呃，started the whole discussion that I had to呃呃呃also呃呃underdake呃我，how to present this day down here，you have the easiest way when I was able to adach a point so a graffity to a specific group of outdoors。

1:11:47  
呃。so basicles of pods of a specific，football team I was able basic to show the concentration of points that I connected with clacopr。

1:12:15  
But it's also a very tradition of football team。when it's about the two major competing teams they are dividing the city en let's say more than Gray，so the AR arut。

1:12:45  
Or，or，or some songs it's much more complicate much more complicate picture，呃，so as I told you，II was not happy with this visualization because you know it's to messy you are losing some of the informaton。嗯，th。

1:13:14  
Just the appearance of the phenomenon is even more important than the amount of it。just the fact that is there is important so here when you visibly see the domination of certain areas when it's about the amount of graffity is one important information about this pace。

1:13:40  
But it is there is a certain，呃，lack of information that that you need，so you ask your safe a question，how should I aggregate this，呃，information I got from the from the graffide。

1:14:00  
So it could actually show me，呃，this this layer of the city I used here，a special kind of special Unite devoted to special blanning so this are special blanning Unite in class of unfortunately now we have。

1:14:24  
呃。they change the the the the the the the number of呃呃sparca planning unit in Clark of so呃here you have the answer why呃it wats H。

1:14:46  
So if you would like to make any comparison studies，it would be hard because every now and then they make changes in their products also，when you again，when you research，they told your behavior，do you really want to？would areas of mixed representation？

1:15:08  
呃。the most conflicted areas into just one are difficially made a special unit，you know the special planning approach and researching the recollia behavini。

1:15:37  
So I wasn't actually呃happy with this，呃，with the outcomes so what came呃as呃I think better呃idea，呃something does cry it popular nowadays among human Glovers呃，which are geometric fixc。

1:16:06  
呃呃why呃am hexagona shapes because呃呃，they are not am that's a purposely a designed to mynepulate呃picture大概。

1:16:34  
All when you would use any kind of metal to delimitate the products between the supporters you would be easily called a呃呃，pach。

1:17:02  
You can \*\*\*\*\*\* say that it is not something that impacts the results Haven。of course，someone may always say that every kind of medal official valization has \*\*\*\* kind of background。some reasons of being chosen。you may be asked why，呃？hack sughi。

1:17:31  
You may always be ask why this specific size of hack sack on out？呃呃，Surface and heal，I have a answer for this。I use the size of the main square of crack off which is equal to for hack dars呃呃for the dy。

1:17:58  
A size of this hack second，that would some help be that present that if do some aspects of the city you know so this for hack does represent a specific呃spasha em。

1:18:19  
呃。and the means where was extremely important for the creation of the city。how it was organize so that why the the has the ET。

1:18:48  
呃，have you argrigate，the special day that is extreme important so as I copy，you can see from the phenomena itself by，呃，reading special day that from it to usink and approach to呃argrigate this daea。

1:19:17  
Adventures and challenges relate that to this topic。so something that are fairs may look kind of silly呃呃呃，informatic呃。topic I hope you can see that actually give this T。

1:19:44  
And it also has even some aspect that gives you the chance to look at it as applied kind of research I busy clease able to呃呃，CL。

1:20:10  
Move all this graffiti I told you，does it already a very expensive think to do，but when everybody does it on his or her own，and the city does it independently，呃，we don't know how much money we lose because of this phenomena，but when you can't。

1:20:35  
The number of gravity and the size of gravity with you can \*\*\*\* \*\*\*\*\*\*\* are gleased by the photos that you take。you may answer the question that the city lose about who？millions of polise watting five hund the TRA。

1:21:01  
Two millions of polities what is team amount of money that cost to make a very nice park Lately，so if you tell people how much they are losing in this way，it's，I would say much more affective just by telling them that grafity is a negative phenomena in the city and as you know。

1:21:30  
Classity appear basically all over the world。it doesn't have to be football classity it doesn't appear everywhere in so many numbers。you should know that in Clark of in two thousand sixteen I support that six thousand of these inscriptions，but in two thosen to anys why？

1:21:59  
So it is increasing呃very dynamically but it's very interesting to say it because a many areas of the city appeared to be clear from it because of the survivalents and cameras。

1:22:20  
Because of new developments not being exettled by the people who are usually the members of the voligan films of football support thes groups so actually this space where outdoors of football enscriptions are active becames smaller and smaller and when you study to your graph，you know。

1:22:47  
That when the resours get smaller people becoming more and more competitive so they find even more for this smaller size of space that they feel they have any control of variet呃，I want that。also do check。

1:23:14  
If my idea of culture fitty，呃，tells us and what it tells us about the space，I also conducted interviews with the citizens with a metal that I really really like to choose for different bothes。

1:23:37  
Which is manda mups and basically，呃，psychological aspects of of mapink。呃，you may say it's quitive mapink呃when I gave the respondants a basic adminsh。

1:24:08  
You know，it is very funny，kind of that at first day would always that，you know，no，I don't know have it works。I know the football supporter is not my think，\*\*\* \*\*\*\* when they start do this，you get a beauty for mum that is very did it actually。so after all，I can say that citizens idea of how the city is divide that。

1:24:36  
That comes from there different but some kind of experience。usually they live in the city of Clark of much longer than me。it is very，very see me a lot to the picture of the city that I got from reading the graffity so actually it roofs after all that graffity。

1:25:03  
It's not just the special information that I thought it is，but I got the roof that it actually tells us something about the city。I know that we are very close to the finish。let me just very shockly show you to free more slides with the results from all the citru。

1:25:30  
Because I did the same。呃，maping the the same kind of maping of football inscriptions in the city of watch this is deferteg SC。

1:25:57  
May be clearly devided that into two songs and that could be almost a straight line here you have more generalization of the map，and you may ask a question that do be very geoglaphical one to ask。

1:26:15  
Why？in the class of we have a呃different spartial \*\*\*\*\*\* of the division of the city and why it is a different spartial \*\*\*\*\*\* it。in the case of the city of which of course landuo studies are very helpful and the special function of structure of the city，but also the location of the stadiums in the case of carar of。

1:26:42  
Stagions of two competing teams are actually almost nabering each other。they are locate that very close to each other。only a very specific part，which is like a big medal in the middle of the city，divides them at the same time in the city of watch the stagions at locate that far from each other on the opposite。SIDS。

1:27:07  
So that is like a distance of inbug that starts with the statums and day it meets a in the city center呃decreased experience of my life and decreases think I did I know that is researt to say that something is created is not that scientific may be，but IAI is。

1:27:36  
It's do this kind of research in belograde why I say it was crazy first because the petty fatter of belograde are very mountain news so it was a grade physical challenge for me to bike there with the use of a not my bike，which is always，you know，a struggle，but even more so there are many stray dogs。

1:28:06  
In bed，grate。so for me，it do Run away from something groups of dogs that try to adact。me was like a daily experience of in this case，even longer research than in Clark of I was barrowing the bike from A and from a place that ran to a bire。

1:28:35  
I was basically why ink about this after few days to the guy who gave me the bike that I don't know what to do with the stalks they are ducking me all the time and he told me seriously that I should just bark after them。

1:28:51  
But fast，I Fall that Maybe he was just joking because what can you tell to the guy who CR？

1:29:15  
And I start to make sounds that I found are similar to barking，imaging that the dog stopped and people start to leave their houses to check what is going on。be found that when the dogs wear barking，nobody cared when I start to bark people start to yarked，this is the last thing that I want，tagi。

1:29:44  
Because I want you to be safe when you conduct，feel the research so Sometimes the ability to make strange somes that you think that are barking may be actually very useful。thank you so much。呃，if you have any questions，I Will Be happy to，呃，to answer thank you，OK，thank you proter，who wants to park the first question？

1:30:17  
Hi，hi，can you help me？yeah，I was just going to ask，am about the language to composition is construtatt I。

1:30:42  
Thank you for this question，you know，呃，if I，呃，didn't know what a specific graphity mean呃，I had to choices one，呃，you know，among my students，I have a some football supporters that are not a holy guns by woo DW。

1:31:05  
So they are very active if you know and making the game are squared for as it is with sinking songs and thinks like this \*\*\* \*\*\*\* are let said like an expect for me。also when it is about disanguage，but Sometimes even they didn't know or may be day。

1:31:29  
Didn't want to share everything with me？I looked for it in the parts of the Internet that I usually am not very active so like，you know a football supporters forums I will they use the same language basiclay that that appear on the world and I have to tell you。

1:31:52  
This was actually a very strange part of the experience。also，to see the Communication between the supporters that they can actually exchange faults about harming somebody physically without any emotional attachment to it。

1:32:14  
That was actually tellifying，you know I never thought about like making interviews with the members of the subculture also because of safety，that would be Believe me the first major reason，but also I was very much interested in this gap between the reason why some think are bears on the world and what people think of it。

1:32:45  
So I want to be till the end more of an observer then it berson whose，you know，close to the source because majority of us majority of the public has Nothing to do with the groups，I mean，you know，personly with the groups who use this kind of tool to mark this space。

1:33:21  
OK so VBC as time is running。呃Peter again，thanks for this ienvu。

1:33:41  
呃OK，thank you so much to as a pleasure good，拜拜，拜拜。