



1
00:00:00,600 --> 00:00:09,740

[Music]

2
00:00:15,990 --> 00:00:12,660

first of all I would like to thank you

3
00:00:22,109 --> 00:00:16,000

branded an for inviting me to present

4
00:00:26,659 --> 00:00:22,119

this work done in Romania in the same

5
00:00:31,830 --> 00:00:26,669

time I had the privilege to work with

6
00:00:40,369 --> 00:00:31,840

some young scientists in Romania which I

7
00:00:44,130 --> 00:00:40,379

read Octavia and Angela three young

8
00:00:47,520 --> 00:00:44,140

scientists and all of the witches of the

9
00:00:52,009 --> 00:00:47,530

seismological department in Romania they

10
00:00:55,169 --> 00:00:52,019

are working on earthquake prediction and

11
00:00:57,689 --> 00:00:55,179

as you know earthquake prediction today

12
00:01:01,319 --> 00:00:57,699

is not accepted

13
00:01:05,610 --> 00:01:01,329

not because might be not possible in the

14

00:01:08,730 --> 00:01:05,620

future but because as we all know that

15

00:01:11,700 --> 00:01:08,740

doesn't work nobody predicted the

16

00:01:17,160 --> 00:01:11,710

biggest destructive earthquakes that

17

00:01:21,450 --> 00:01:17,170

happened in the last few years as you

18

00:01:24,540 --> 00:01:21,460

see I'm going to speak about the

19

00:01:29,040 --> 00:01:24,550

earthquake activity in Ranchi Romania

20

00:01:29,790 --> 00:01:29,050

which is a very peculiar area to

21

00:01:36,900 --> 00:01:29,800

understand

22

00:01:40,710 --> 00:01:36,910

bit about the subduction how oceanic

23

00:01:43,470 --> 00:01:40,720

plates subduct under the continents like

24

00:01:46,200 --> 00:01:43,480

the Coco's oceanic plate is subducting

25

00:01:50,820 --> 00:01:46,210

right now under the continent of North

26
00:01:53,940 --> 00:01:50,830
America but in the past it was the far

27
00:01:56,940 --> 00:01:53,950
along plate subducting under the

28
00:02:04,020 --> 00:01:56,950
continent where is now California but

29
00:02:06,510 --> 00:02:04,030
this subduction finished tens of

30
00:02:09,990 --> 00:02:06,520
hundreds of million years ago and now

31
00:02:11,850 --> 00:02:10,000
the Farallon plate might be in the

32
00:02:14,369 --> 00:02:11,860
mantle somewhere in the middle of North

33
00:02:18,300 --> 00:02:14,379
America what is in branch are now is

34
00:02:22,400 --> 00:02:18,310
just the moment when the continent

35
00:02:27,950 --> 00:02:22,410
continent collision finished and now

36
00:02:35,420 --> 00:02:27,960
the oceanic plate is breaking from from

37
00:02:38,780 --> 00:02:35,430
the continent so as you can see here is

38
00:02:41,480 --> 00:02:38,790

a simplified tectonic map of the Alps

39

00:02:47,900 --> 00:02:41,490

and the car patience and the branch our

40

00:02:51,250 --> 00:02:47,910

region is situated here so what is is

41

00:02:57,560 --> 00:02:51,260

interesting that the earthquake activity

42

00:03:01,270 --> 00:02:57,570

in Ranchi region is destructive only in

43

00:03:06,640 --> 00:03:01,280

this area and it happens at the depth

44

00:03:12,320 --> 00:03:06,650

between 70 kilometers and 150 kilometers

45

00:03:17,060 --> 00:03:12,330

while these points that marked the

46

00:03:21,020 --> 00:03:17,070

normal quakes in the crust in between 0

47

00:03:25,580 --> 00:03:21,030

and 60 kilometer depth they never been

48

00:03:29,300 --> 00:03:25,590

destructive in the historic time the

49

00:03:37,550 --> 00:03:29,310

cycle of the large and district struck

50

00:03:40,490 --> 00:03:37,560

if earthquakes is 1 in 50 80 years so l

51

00:03:45,320 --> 00:03:40,500

was experiencing the last 2 1

52

00:03:49,760 --> 00:03:45,330

in 1940 the 7.4 magnitude and

53

00:03:52,430 --> 00:03:49,770

destructive earthquake when the highest

54

00:03:57,290 --> 00:03:52,440

building in Bucharest Carlton Hotel

55

00:04:00,790 --> 00:03:57,300

collapsed and in 1977 150 high-rise

56

00:04:06,790 --> 00:04:00,800

building collapsed in Bucharest and

57

00:04:11,660 --> 00:04:06,800

1,500 people died 10,000 people injured

58

00:04:13,729 --> 00:04:11,670

so sure people are very afraid of these

59

00:04:17,360 --> 00:04:13,739

large earthquakes why because there are

60

00:04:21,229 --> 00:04:17,370

a lot of high-rise building in poor

61

00:04:25,400 --> 00:04:21,239

condition that might be destroyed in the

62

00:04:29,030 --> 00:04:25,410

next earthquake and the next destructive

63

00:04:32,110 --> 00:04:29,040

earthquake is expecting soon that means

64

00:04:36,110 --> 00:04:32,120

in a few years because the cycle is

65

00:04:42,470 --> 00:04:36,120

almost finished but nobody knows when

66

00:04:45,110 --> 00:04:42,480

and the goal of the presentation is to

67

00:04:47,900 --> 00:04:45,120

develop a method of the allocation

68

00:04:50,750 --> 00:04:47,910

methodology able to map crustal faults

69

00:04:52,850 --> 00:04:50,760

in and around the rancher region to

70

00:04:57,890 --> 00:04:52,860

monitor the earthquake activity along

71

00:05:00,620 --> 00:04:57,900

this crustal faults and finally to

72

00:05:03,080 --> 00:05:00,630

correlate intermediate depth earthquake

73

00:05:06,050 --> 00:05:03,090

in Rancher to be a location that I

74

00:05:07,180 --> 00:05:06,060

obtained daily on two perpendicular

75

00:05:11,240 --> 00:05:07,190

fault

76

00:05:16,190 --> 00:05:11,250

well this Bureau occasion phenomenon is

77

00:05:21,350 --> 00:05:16,200

not what you know about dowsing because

78

00:05:25,190 --> 00:05:21,360

it is something else if the housing is

79

00:05:30,290 --> 00:05:25,200

related according to the Randy

80

00:05:37,280 --> 00:05:30,300

definition as a claimed ability to find

81

00:05:42,670 --> 00:05:37,290

the water minerals most people well this

82

00:05:47,560 --> 00:05:42,680

is not we're doing what we're doing is

83

00:05:52,340 --> 00:05:47,570

to use the human body to use a sense

84

00:05:55,550 --> 00:05:52,350

because if you think that the sixth

85

00:05:58,640 --> 00:05:55,560

sense might be the ESP cells which you

86

00:06:01,909 --> 00:05:58,650

all agree after all well I'm speaking

87

00:06:04,670 --> 00:06:01,919

about the seventh cells might be eight

88

00:06:07,909 --> 00:06:04,680

cells and this is a book I highly

89

00:06:11,379 --> 00:06:07,919

recommend about the more senses this is

90

00:06:14,540 --> 00:06:11,389

a book written by a anthropologist

91

00:06:18,260 --> 00:06:14,550

because in different cultures they

92

00:06:21,080 --> 00:06:18,270

discuss about the different senses so

93

00:06:24,110 --> 00:06:21,090

what is the sense I'm talking about is a

94

00:06:28,010 --> 00:06:24,120

sense that is coming from our animal

95

00:06:31,730 --> 00:06:28,020

ancestors that means in order to be able

96

00:06:35,740 --> 00:06:31,740

to develop these cells we have to quiet

97

00:06:40,930 --> 00:06:35,750

our mind and to give the mind something

98

00:06:46,760 --> 00:06:40,940

to do like concentrated about walking

99

00:06:52,840 --> 00:06:46,770

about relaxing your body and let's say

100

00:07:02,600 --> 00:06:57,950

the occasional rod that is able to show

101
00:07:06,410 --> 00:07:02,610
you a contraction or a relaxation of the

102
00:07:09,470 --> 00:07:06,420
muscle we have to think of this hand

103
00:07:13,340 --> 00:07:09,480
that doesn't belong to you this is

104
00:07:16,750 --> 00:07:13,350
something that that your mind cannot

105
00:07:22,070 --> 00:07:16,760
influence so this is the way of training

106
00:07:25,670 --> 00:07:22,080
in the method we use and is very easy to

107
00:07:29,450 --> 00:07:25,680
understand this type of phenomenon if

108
00:07:32,540 --> 00:07:29,460
you read the book written by Professor

109
00:07:35,390 --> 00:07:32,550
sweet a professor of geology the history

110
00:07:38,630 --> 00:07:35,400
of geophysical prospecting in the

111
00:07:43,250 --> 00:07:38,640
history of geophysical prospecting sweet

112
00:07:47,950 --> 00:07:43,260
is talking about a boy of 11 years of

113
00:07:51,680 --> 00:07:47,960

age from Texas from a quite rich family

114

00:07:58,120 --> 00:07:51,690

at the beginning of the life of the 20th

115

00:08:01,610 --> 00:07:58,130

century in 1901 and this kid was

116

00:08:04,910 --> 00:08:01,620

disturbed has contraction in these

117

00:08:09,500 --> 00:08:04,920

muscles whenever he was crossing a

118

00:08:12,830 --> 00:08:09,510

certain area on the farm so he told his

119

00:08:17,050 --> 00:08:12,840

father and the father dug and found

120

00:08:22,810 --> 00:08:17,060

water was moving water on the ground

121

00:08:26,900 --> 00:08:22,820

well a brother of this little kid was a

122

00:08:30,380 --> 00:08:26,910

well-known lawyer and he advised the kid

123

00:08:34,100 --> 00:08:30,390

to put these things in practice so the

124

00:08:38,780 --> 00:08:34,110

kid was able to discover oil not because

125

00:08:42,140 --> 00:08:38,790

he was thinking of well or water are you

126

00:08:47,030 --> 00:08:42,150

thinking dowsing but because he was

127

00:08:51,800 --> 00:08:47,040

disturbed by something in the earth some

128

00:08:55,610 --> 00:08:51,810

kind of geophysical anomaly later on the

129

00:08:59,330 --> 00:08:55,620

boy went to school and was not

130

00:09:01,970 --> 00:08:59,340

interested also sweet is speaking later

131

00:09:03,390 --> 00:09:01,980

about the use of intuition in oil

132

00:09:07,620 --> 00:09:03,400

prospecting

133

00:09:10,760 --> 00:09:07,630

which was he says catastrophic at the

134

00:09:19,950 --> 00:09:10,770

beginning of the century that's why the

135

00:09:24,510 --> 00:09:19,960

United State Geological Survey forbidden

136

00:09:32,280 --> 00:09:24,520

forbidden any any research and any use

137

00:09:39,870 --> 00:09:32,290

of dowsing so after this introduction we

138

00:09:43,740 --> 00:09:39,880

can go further so I was able to find a

139

00:09:48,900 --> 00:09:43,750

boy of 11 years old in this region of

140

00:09:52,530 --> 00:09:48,910

rancha and I was trained him to do the

141

00:09:55,140 --> 00:09:52,540

same I explained you that I'm doing in

142

00:10:00,090 --> 00:09:55,150

order to look for the reproducibility of

143

00:10:03,829 --> 00:10:00,100

data and we've been able to map by this

144

00:10:12,120 --> 00:10:03,839

method a series of faults of fractures

145

00:10:15,449 --> 00:10:12,130

this fault in red after we we made this

146

00:10:19,380 --> 00:10:15,459

map we try to prove that these faults

147

00:10:22,440 --> 00:10:19,390

are real which was not easy because this

148

00:10:26,040 --> 00:10:22,450

fault didn't show on the geological maps

149

00:10:28,560 --> 00:10:26,050

existing geological maps but this fault

150

00:10:31,260 --> 00:10:28,570

here we've been lucky it was that

151
00:10:36,360 --> 00:10:31,270
earthquake magnitude 4 and the

152
00:10:39,930 --> 00:10:36,370
aftershocks magnitude 3 4 2 was aligned

153
00:10:47,340 --> 00:10:39,940
on this direction so these are the

154
00:10:53,730 --> 00:10:47,350
aftershocks and suggested this fault ok

155
00:10:57,860 --> 00:10:53,740
then here you can see a bio location

156
00:11:01,949 --> 00:10:57,870
reaction recorded at an arbitrary scale

157
00:11:06,300 --> 00:11:01,959
so if you start your measurement far

158
00:11:09,600 --> 00:11:06,310
away the zero of the instrument which is

159
00:11:12,150 --> 00:11:09,610
your rod in your hand will show that

160
00:11:14,550 --> 00:11:12,160
there's no reaction then the instrument

161
00:11:17,100 --> 00:11:14,560
is moving in one direction towards a

162
00:11:19,080 --> 00:11:17,110
Maxima of arbitrary scale

163
00:11:22,170 --> 00:11:19,090

which represent a contraction of the

164

00:11:24,150 --> 00:11:22,180

muscle this is a relaxation another

165

00:11:28,680 --> 00:11:24,160

contraction and the finishing of the

166

00:11:33,000 --> 00:11:28,690

signal and if the fault is inclined in

167

00:11:41,760 --> 00:11:33,010

the eastern direction the distance EC is

168

00:11:46,410 --> 00:11:41,770

larger than AC okay so then in order to

169

00:11:48,510 --> 00:11:46,420

prove that this fault are here I went at

170

00:11:53,400 --> 00:11:48,520

the Institute of geology and geophysics

171

00:11:57,120 --> 00:11:53,410

where I worked 30 years ago and I was

172

00:12:02,550 --> 00:11:57,130

able to convince the director to

173

00:12:05,460 --> 00:12:02,560

declassify a geologic map which was put

174

00:12:08,130 --> 00:12:05,470

on a military map and was classified

175

00:12:11,910 --> 00:12:08,140

under the Communists and still remained

176

00:12:18,650 --> 00:12:11,920

classified so I was able to buy this

177

00:12:24,540 --> 00:12:18,660

this geologic map and the fault I

178

00:12:26,510 --> 00:12:24,550

discovered was shown on this geologic

179

00:12:29,910 --> 00:12:26,520

map is this fault

180

00:12:33,990 --> 00:12:29,920

and this is the Fault in the

181

00:12:37,260 --> 00:12:34,000

cross-section in a cross-section so I

182

00:12:40,560 --> 00:12:37,270

was lucky that we've been able to prove

183

00:12:45,980 --> 00:12:40,570

that the fault was real what was the

184

00:12:51,780 --> 00:12:45,990

most interesting thing that these areas

185

00:12:53,310 --> 00:12:51,790

there are three huge landslides and the

186

00:13:03,330 --> 00:12:53,320

GPS station

187

00:13:06,360 --> 00:13:03,340

was was put just on the landslide so

188

00:13:09,720 --> 00:13:06,370

they have to avoid these landslides so

189

00:13:11,940 --> 00:13:09,730

an interesting question would be why

190

00:13:15,510 --> 00:13:11,950

these landslides they've been created

191

00:13:18,660 --> 00:13:15,520

they being created like a normal one

192

00:13:22,080 --> 00:13:18,670

slide by by rain were they being created

193

00:13:27,900 --> 00:13:22,090

by the earthquakes so this is a study of

194

00:13:30,900 --> 00:13:27,910

Palio seismology that by searching the

195

00:13:34,170 --> 00:13:30,910

landslide you can again

196

00:13:37,220 --> 00:13:34,180

find out about earthquakes in the past

197

00:13:41,460 --> 00:13:37,230

like thousand or ten thousand years

198

00:13:43,160 --> 00:13:41,470

before which are not known and no work

199

00:13:46,020 --> 00:13:43,170

was done in Romania

200

00:13:49,290 --> 00:13:46,030

about these things so I was able to

201
00:13:52,350 --> 00:13:49,300
involve geology professor from Menzies

202
00:13:54,450 --> 00:13:52,360
with asking for a grant at present to

203
00:13:57,600 --> 00:13:54,460
start next year to do Paulo

204
00:14:00,060 --> 00:13:57,610
seismological work with this landslides

205
00:14:03,150 --> 00:14:00,070
and with sand blows because there are a

206
00:14:09,870 --> 00:14:03,160
lot of strong blood blows that happens

207
00:14:15,360 --> 00:14:09,880
during the earthquakes and what you see

208
00:14:21,780 --> 00:14:15,370
here in this area was an area where the

209
00:14:27,090 --> 00:14:21,790
water was flowing before the year 1801

210
00:14:31,550 --> 00:14:27,100
in 1801 was the largest now historical

211
00:14:35,720 --> 00:14:31,560
earthquake in Romania magnitude 7.7

212
00:14:38,360 --> 00:14:35,730
which created a terrible destruction

213
00:14:41,580 --> 00:14:38,370

known in Romania like the greatest

214

00:14:45,300 --> 00:14:41,590

earthquakes but what we don't know if

215

00:14:47,520 --> 00:14:45,310

such earthquakes bigger than this one

216

00:14:51,240 --> 00:14:47,530

they've been happening in in the past

217

00:14:57,590 --> 00:14:51,250

and the Palio seismology is able to find

218

00:15:06,660 --> 00:14:57,600

this so what I want to show you now is

219

00:15:12,270 --> 00:15:06,670

our main work what is shown here on the

220

00:15:16,020 --> 00:15:12,280

horizontal axis is time in this and on

221

00:15:18,690 --> 00:15:16,030

the vertical axis the the the distance

222

00:15:22,650 --> 00:15:18,700

between the beginning of the bilocation

223

00:15:25,440 --> 00:15:22,660

signal and the axle of the fault so if

224

00:15:29,400 --> 00:15:25,450

the fall strike is the same the

225

00:15:33,840 --> 00:15:29,410

beginning of the signal varies can be

226

00:15:37,100 --> 00:15:33,850

larger and larger as you see here then

227

00:15:42,720 --> 00:15:37,110

the sharp increase and the decrease and

228

00:15:44,879 --> 00:15:42,730

is following by the earthquakes and this

229

00:15:49,349 --> 00:15:44,889

type of measurements was done on

230

00:16:01,169 --> 00:15:49,359

two perpendicular Falls and some of the

231

00:16:05,729 --> 00:16:01,179

quakes you see like this one they've

232

00:16:09,169 --> 00:16:05,739

been able to be indicated no not say not

233

00:16:12,389 --> 00:16:09,179

predicted because we cannot predict the

234

00:16:15,090 --> 00:16:12,399

real the time the place and the

235

00:16:19,199 --> 00:16:15,100

magnitude of the quake but just to

236

00:16:20,579 --> 00:16:19,209

indicate that the quake is coming and

237

00:16:26,340 --> 00:16:20,589

these quakes they've been larger the

238

00:16:29,609 --> 00:16:26,350

magnitude for the final remarks the by

239

00:16:32,549 --> 00:16:29,619

location data variation obtained across

240

00:16:34,259 --> 00:16:32,559

Crystal Falls correlate to intermediate

241

00:16:38,599 --> 00:16:34,269

depth earthquakes larger the magnitude

242

00:16:43,039 --> 00:16:38,609

three stress transfer is suggested from

243

00:16:48,449 --> 00:16:43,049

depths of seven to 150 kilometer depth

244

00:16:51,119 --> 00:16:48,459

to the crust whether these faults which

245

00:16:54,809 --> 00:16:51,129

I showed you they've been measured by

246

00:16:56,939 --> 00:16:54,819

bio location but sure statistical

247

00:16:58,949 --> 00:16:56,949

analysis is necessary for a longer

248

00:17:05,279 --> 00:16:58,959

period of time to support the

249

00:17:08,519 --> 00:17:05,289

correlation and finally we are now in a

250

00:17:12,090 --> 00:17:08,529

in a precise McBee Riyadh

251
00:17:14,639 --> 00:17:12,100
which is about one of two years because

252
00:17:17,009 --> 00:17:14,649
the inter say is make period in francha

253
00:17:18,740 --> 00:17:17,019
which is now like thirty fifty years is

254
00:17:26,000 --> 00:17:18,750
almost finished

255
00:17:28,289 --> 00:17:26,010
so an earthquake is expected soon the

256
00:17:31,080 --> 00:17:28,299
destructive one so in francha

257
00:17:36,509 --> 00:17:31,090
earthquakes are destructive only when

258
00:17:40,649 --> 00:17:36,519
larger the magnitude 7.2 what i would

259
00:17:44,360 --> 00:17:40,659
like to tell is that for the first time

260
00:17:48,360 --> 00:17:44,370
the seismological Society of America

261
00:17:50,730 --> 00:17:48,370
accepted this type of presentations so

262
00:17:53,490 --> 00:17:50,740
we've been able to present this data in

263
00:17:56,399 --> 00:17:53,500

Memphis last year at the meeting in

264

00:17:58,710 --> 00:17:56,409

April of the seismological Society of

265

00:18:02,150 --> 00:17:58,720

America and I have further

266

00:18:09,360 --> 00:18:02,160

work which was presented this year at

267

00:18:12,030 --> 00:18:09,370

the April meeting in San Diego which are

268

00:18:14,790 --> 00:18:12,040

not able to show you as present but I

269

00:18:22,670 --> 00:18:14,800

have a poster with me so anyone

270

00:18:30,450 --> 00:18:25,410

these things they've been considered

271

00:18:36,320 --> 00:18:30,460

anomalies because anyway this phenomenon

272

00:18:39,300 --> 00:18:36,330

was not accepted but little by little by

273

00:18:42,840 --> 00:18:39,310

facts we can prove that is a real

274

00:18:51,410 --> 00:18:42,850

phenomenon that it's worth to be studied

275

00:19:07,320 --> 00:18:51,420

in the future thank you

276

00:19:12,840 --> 00:19:10,860

my name is Bob Patterson what's this

277

00:19:16,140 --> 00:19:12,850

device you are using you talk about

278

00:19:18,690 --> 00:19:16,150

muscle strength are you measuring EMTs

279

00:19:23,460 --> 00:19:18,700

or what what are you actually measuring

280

00:19:27,450 --> 00:19:23,470

well we are not use any physical device

281

00:19:30,510 --> 00:19:27,460

we're doing exactly as a Greek allies

282

00:19:37,770 --> 00:19:30,520

describing this phenomenon in the 16th

283

00:19:40,860 --> 00:19:37,780

century like in his theory Metallica so

284

00:19:45,750 --> 00:19:40,870

we didn't we did you use any physical

285

00:19:50,730 --> 00:19:45,760

instrument just an L rod or Y rod or any

286

00:19:53,820 --> 00:19:50,740

type of dowsing rod if you like because

287

00:19:57,860 --> 00:19:53,830

it's the same dowsing rod but our

288

00:20:03,090 --> 00:19:57,870

methodology is different that the

289

00:20:05,400 --> 00:20:03,100

dowsing has described by Randy yes my

290

00:20:07,950 --> 00:20:05,410

name is rich and I've used dowsing many

291

00:20:10,260 --> 00:20:07,960

times to obtain water on one slide you

292

00:20:11,820 --> 00:20:10,270

had the ethmoid bone is where the

293

00:20:14,850 --> 00:20:11,830

magnetic crystals are found

294

00:20:18,180 --> 00:20:14,860

what is the spin I'd bone noted for I

295

00:20:19,800 --> 00:20:18,190

didn't get it wrote down in time you

296

00:20:25,350 --> 00:20:19,810

have a slide where you had the ethmoid

297

00:20:27,860 --> 00:20:25,360

bone has magnetic crystals well I didn't

298

00:20:32,070 --> 00:20:27,870

have any slides with date night born

299

00:20:34,250 --> 00:20:32,080

yeah you did which slide and you also

300

00:20:42,270 --> 00:20:34,260

have the sphenoid bone on the same slide

301
00:20:42,280 --> 00:21:03,140
which slide you talking about this one

302
00:21:33,780 --> 00:21:13,610
that's all this lights I have that that

303
00:21:45,350 --> 00:21:41,490
oh yeah well this is how this bar

304
00:21:49,740 --> 00:21:45,360
location might be explained so different

305
00:21:52,500 --> 00:21:49,750
possible explanation in my opinion the

306
00:21:58,830 --> 00:21:52,510
by location can be explained by an

307
00:22:01,350 --> 00:21:58,840
anomaly in the in the in the

308
00:22:07,490 --> 00:22:01,360
electromagnetic field what kind of

309
00:22:21,630 --> 00:22:07,500
anomaly is an anomaly of

310
00:22:23,940 --> 00:22:21,640
resistivity and well definitely we need

311
00:22:26,370 --> 00:22:23,950
some further research for the

312
00:22:28,950 --> 00:22:26,380
explanation of the phenomenon but the

313
00:22:32,310 --> 00:22:28,960

phenomenon doesn't appear in all

314

00:22:36,960 --> 00:22:32,320

situations geological situation only in

315

00:22:41,460 --> 00:22:36,970

fault water moving above the water table

316

00:22:46,380 --> 00:22:41,470

moving around Springs caves in limestone

317

00:22:49,920 --> 00:22:46,390

and and the salt domes so what is in

318

00:22:55,280 --> 00:22:49,930

common between all this situation is the

319

00:22:59,310 --> 00:22:55,290

anomaly in the stress in the so

320

00:23:01,500 --> 00:22:59,320

certainly the stress cannot be measured

321

00:23:04,710 --> 00:23:01,510

at the Earth's surface only the strain

322

00:23:07,050 --> 00:23:04,720

can be measured so what the stress is

323

00:23:10,590 --> 00:23:07,060

creating is a disturbance in the

324

00:23:12,720 --> 00:23:10,600

magnetic field so this disturbance of

325

00:23:16,230 --> 00:23:12,730

magnitude the magic total unique field

326

00:23:17,940 --> 00:23:16,240

is detected probably so so the

327

00:23:20,700 --> 00:23:17,950

phenomenon is basically an

328

00:23:25,470 --> 00:23:20,710

electromagnetic field electromagnetic

329

00:23:31,500 --> 00:23:25,480

disturbance in the magnetic field based

330

00:23:36,870 --> 00:23:31,510

on the anisotropy which is which is

331

00:23:39,480 --> 00:23:36,880

changed by the stress so what the

332

00:23:42,720 --> 00:23:39,490

stresses is detected by an

333

00:23:45,850 --> 00:23:42,730

electromagnetic phenomenon generated by

334

00:23:50,500 --> 00:23:45,860

the change in stress so that would

335

00:23:53,830 --> 00:23:50,510

that might go part way to explaining the

336

00:23:57,789 --> 00:23:53,840

sort of bio location that you use on

337

00:23:59,980 --> 00:23:57,799

site but if somebody does dowsing using

338

00:24:06,220 --> 00:23:59,990

a map that would be something very

339

00:24:08,799 --> 00:24:06,230

different well in in our approach we

340

00:24:13,389 --> 00:24:08,809

don't use map dowsing because because

341

00:24:17,560 --> 00:24:13,399

map dowsing is a phenomena related with

342

00:24:21,970 --> 00:24:17,570

our mind we want to depress our mind and

343

00:24:25,899 --> 00:24:21,980

to go lower like to change your inner in

344

00:24:29,470 --> 00:24:25,909

a dog where inner inner animal in to get

345

00:24:33,850 --> 00:24:29,480

rid of that so in this phenomenon in bio

346

00:24:39,879 --> 00:24:33,860

location our mind is a disturbance so we