Please respond to one or more or the following and send answer(s) to charles.tomli@yale.edu before 1 p.m. today.

HeadScratcher 1 *posed by Carl Steinitz*

When was the first landscape architecture design application of Boolean logic (via map overlays) published?

HeadScratcher 2 *posed by Lacey Katherine Goldberg*

I am an odd number. Take away one letter and I become even. What number am I?

HeadScratcher 3 *posed by Lacey Katherine Goldberg*

Of the 100 people at a recent conference, 90 spoke Spanish, 80 spoke Italian, and 75 spoke Mandarin.
At least how many spoke all three languages?

HeadScratcher 4 *posed by Brian Orland*

Who can name the poly-mer in the background of one of our moderators?

HeadScratcher 5 *posed by Stephen Ervin*

What is the meaning & relationship of these 3 groups of three words?

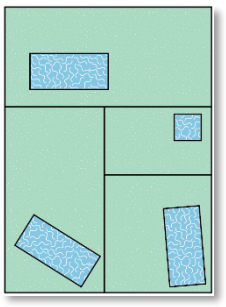
///names.plank.fear
///teeth.unions.film
///clash.sunset.habit

Or these 4? (Hint: \ [])

///allow.boot.shadow
///ships.soft.builds
///move.plates.angle
///suffice.dirt.goes

HeadScratcher 6 *posed by Tadej Bevk*

In the peculiar village of Rectangulum, all the plots are rectangular and have a rectangular pond. The plots are of various sizes and so too are the ponds, which are placed in the plots at various position and rotation. The village expects to double its population in the near future but is reluctant to spread into the surrounding pristine forest and prime agricultural land. So, the village elders decide to split each plot into two equal parts, including the pond, with a single straight cut. They are sure there is a general principle of division that will work on any configuration of the plot and the pond, regardless of their sizes and rotation, but they don't know the solution. Alas, they turn to you, a renown spatial-problem-solver, to answer the question: How can any rectangular plot with a rectangular pond be divided in two equal halves with a single straight cut?

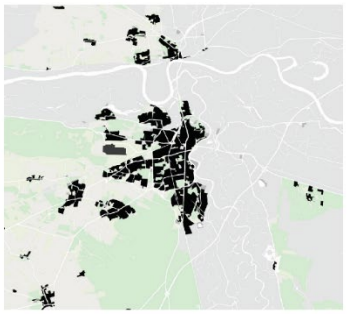


HeadScratcher 7 *posed anonymously*

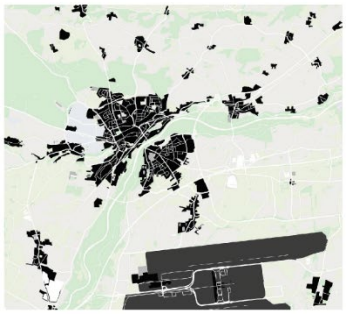
The only daughter of my only father's only brother has only one aunt. So do I, and we share her.
Why then can't I get my mother to even look at the paper I submitted for this conference?

HeadScratcher 8 *posed by Olaf Gerhard Schroh*

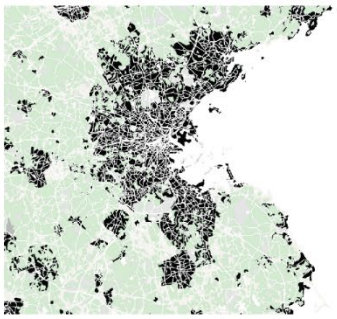
Please name each city shown below (at varying scale) and indicate what they all have in common.



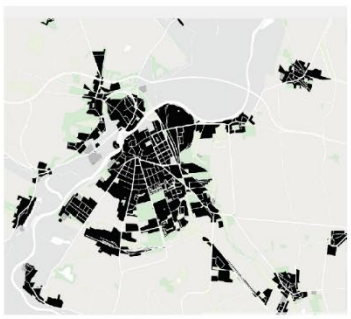
A



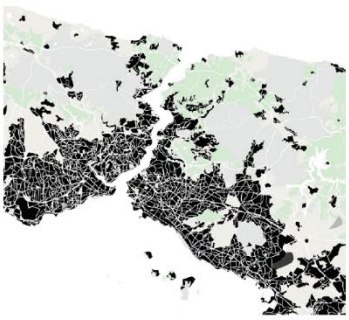
B



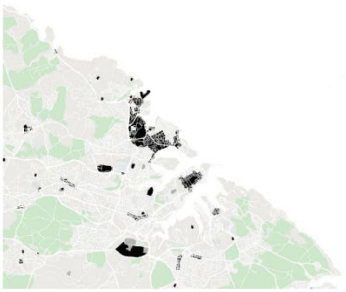
C



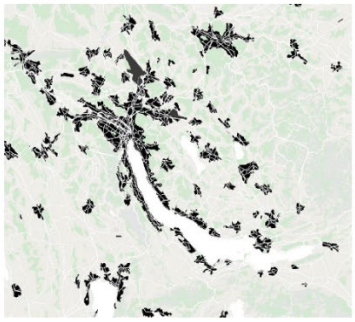
D



E



F



G