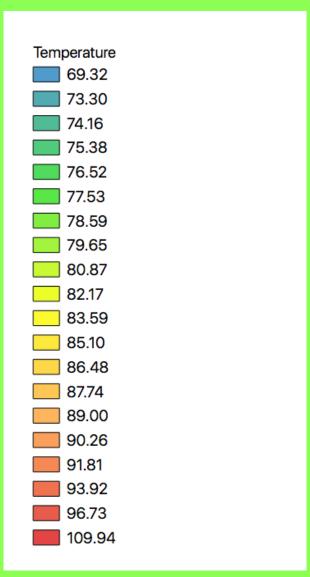
Surface temperature of synthetic and natural grass fields in North Andover Massachusetts (USA) as seen by the satellite Landsat 8 (August 19th, 2018 at 10:25am)

#### Camilo Perez Arrau

MS degree in Urban Planning and GIS at Université de Québec à Montréal (UQAM) Canada

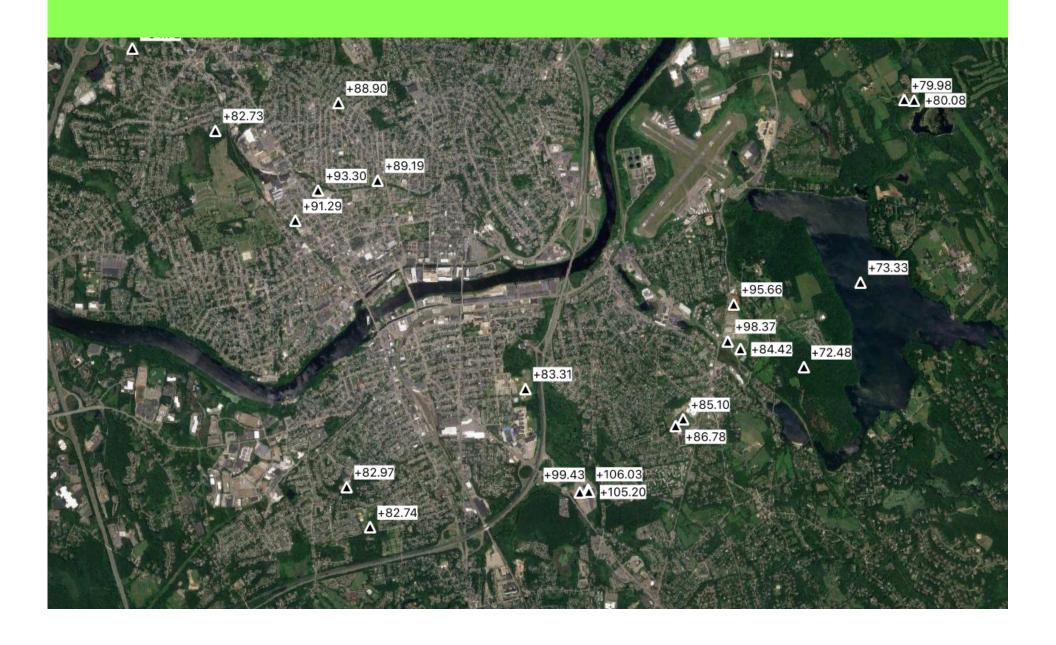
March 1st, 2020

### 1.Land Surface Temperature (<sup>0</sup>F)\*



<sup>\*</sup>No atmospheric correction has been applied on these images

#### 2. Overview of the Town of North Andover, Massachusetts (USA)



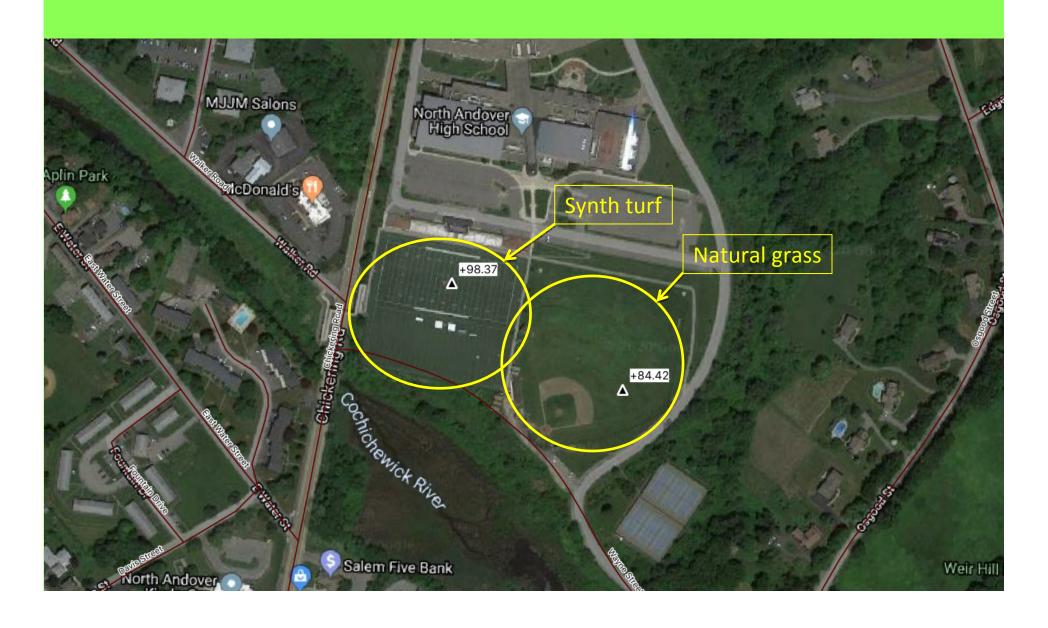
#### 3. Thermal image of the Town of North Andover, Massachusetts (USA)



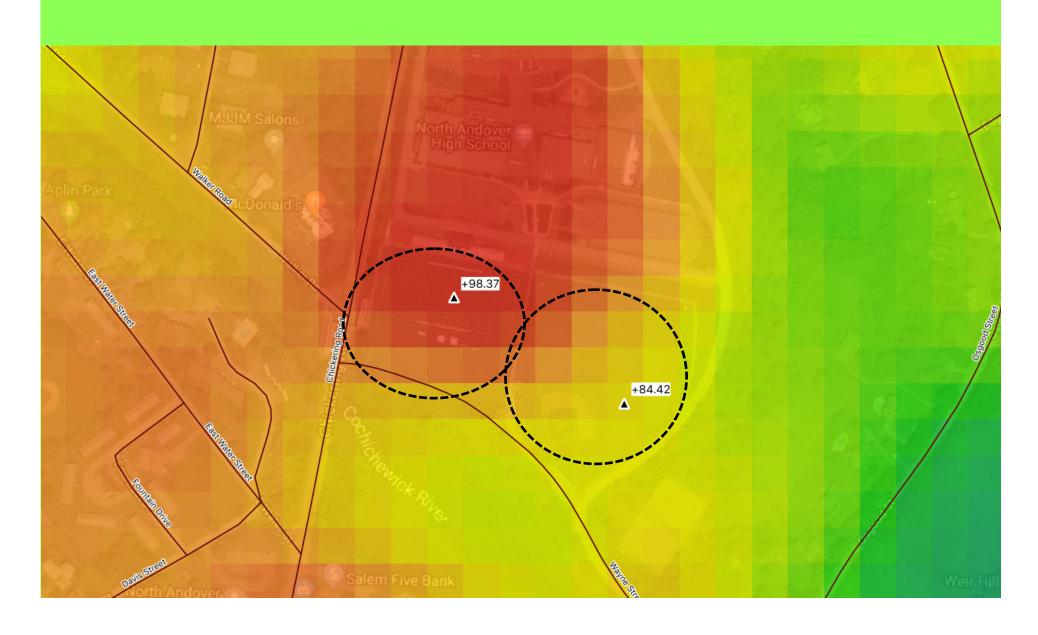
# 4. North Andover High School Fields430 Osgood St, North Andover, MA 01845



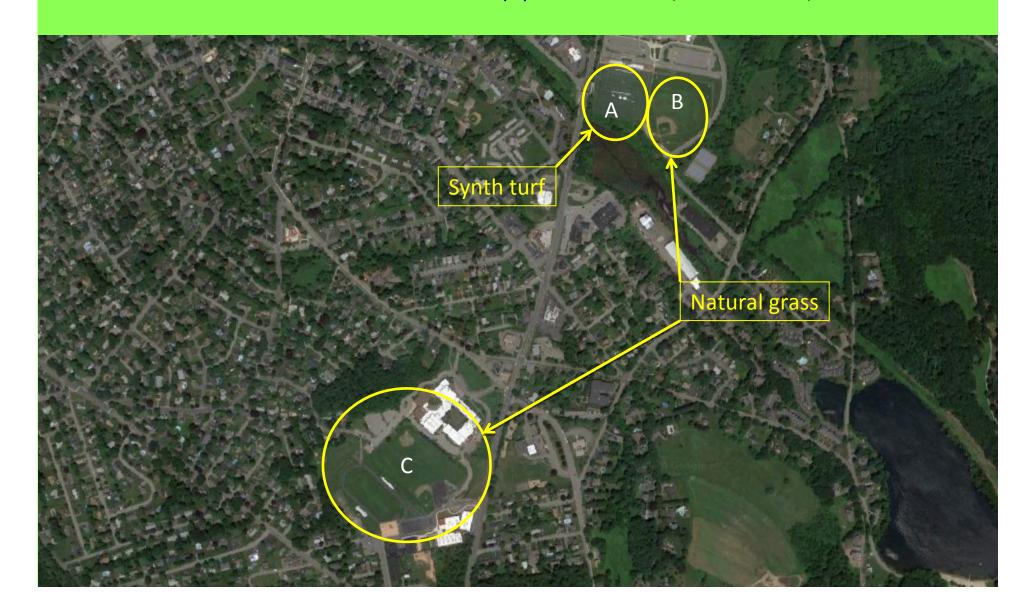
# 5. North Andover High School Fields430 Osgood St, North Andover, MA 01845



# 6. North Andover High School Fields430 Osgood St, North Andover, MA 01845



7. North Andover High School Fields (A and B) and North Andover Middle School Fields (C) 495 Main St., N. Andover, MA 01845



## 8. North Andover High School Fields and North Andover Middle School Fields



## 9. North Andover High School Fields and North Andover Middle School Fields



### 10. 34 Hemlock Street in North Andover (Middle School fields)



### 11. 34 Hemlock Street in North Andover (& Middle School fields)

