

# Logan Runway Case

Principles from Joe Coughlin's Presentation of last week

- Environmental values are a primary concern of a minority of voters, if confronted with the dollar cost of environmentally superior outcomes (in the U.S.)
- When charging “externalities” to those who cause environmental impact, the majority perceives it as a “tax” to provide a benefit (reduced adverse impact) for a minority
- Majoritarian democracy doesn't easily perform well with such problems.

## **Strategies for the impacted minority**

### **“How to sail against the wind”**

- Energy and intensity can allow legislative achievement above and beyond the expected
- “Insurance” principle affects to majority. Some day you might be in the impacted minority. Public outreach, books, media
- Small jurisdictions, local control, “community control” are institutional means for impacted minorities to be significant politically
- Regulatory actions by (environmental) mission oriented agencies
- Legal actions seeking court orders, consent decrees etc.

# Aviation

## Nature of the Concrete Commons

- Aircraft manufacturing Private (U.S., Foreign)
- Airlines, general aviation, FedEx Private
- Air traffic control system FAA (Public)
  - Regulated
  - Deregulated
- Airfield Local Owner (Public)
  - Regulated
  - Deregulated
- Airport terminals Local Owner (Public)
- Ground Access Systems Local Highway, Transit, City Street

Change over time, technology: propellers - jets - large jets - small jets

# Aviation

## Nature of the Green Commons

- Noise:
    - Take-off & landing
    - Ground
    - Preferential runway assignment
    - Noise measurement
  - Safety:
    - In Air
    - On ground
    - Commercial aviation
    - General aviation
    - Security
  - Air Pollution:
    - Take-off & landing
    - Ground taxi
    - Ground access (auto, truck)
- Aircraft  
Airline

# Aviation

## Nature of the Green Commons

- Runoff, Groundwater
    - Chemicals
    - Fueling
    - Snow removal
  - Expansion
    - Neighborhood impact
    - Habitat destruction
    - Secondary land use, parking, airfreight
- Aircraft  
Airline

# History

- 1920 Construction
- 1960 Jets
- 1965 Proposed tunnel through East Boston defeated
- 1968 Maverick St.
- 1969 Neptune Road
- 1975 Injunction
- 1977 No curfew - noise rules, Massport funds health unit in East Boston
- 1980 Bird island flats, Harbor Park
- 1982 Boat control fumble
- 1983 Tunnel into airport
- 1988 PACE (peak pricing), Pierce Park
- 1990 Bremen St. Park
- 1991 Weld
- 1994 Tocco
- 2001 State MEPA approval
- 2001 9/11
- 2002 Garvey approval
- 2004 Massport wins in court, but court retains jurisdiction on mitigation

# History

1973 14-32

1980 Injunction

1980s Congestion

1988 Peak pricing

1989 Devens

1994 Revive runway proposal

2001 Mayor/Governor panel

2002 Garvey ROD (Aug. 02)

2004 Court action