

# George Abell and the End of Humanity

By Mike Frost

# George Ogden Abell (1927-1983)



- Took his doctorate after military service
- Lecturer at Griffith Planetarium
- Part of the Palomar Sky Survey Team – catalogued galactic clusters and planetary nebulae
- Lecturer at UCLA Berkely
- Delivered Open University lectures in the UK
- The OU Observatory in Milton Keynes is named for him
- Member of CSICOP, the Committee for Scientific Investigation of the Claims of the Paranormal (just like Martin Gardner, James Randi, Isaac Asimov)

# Galaxy Clusters



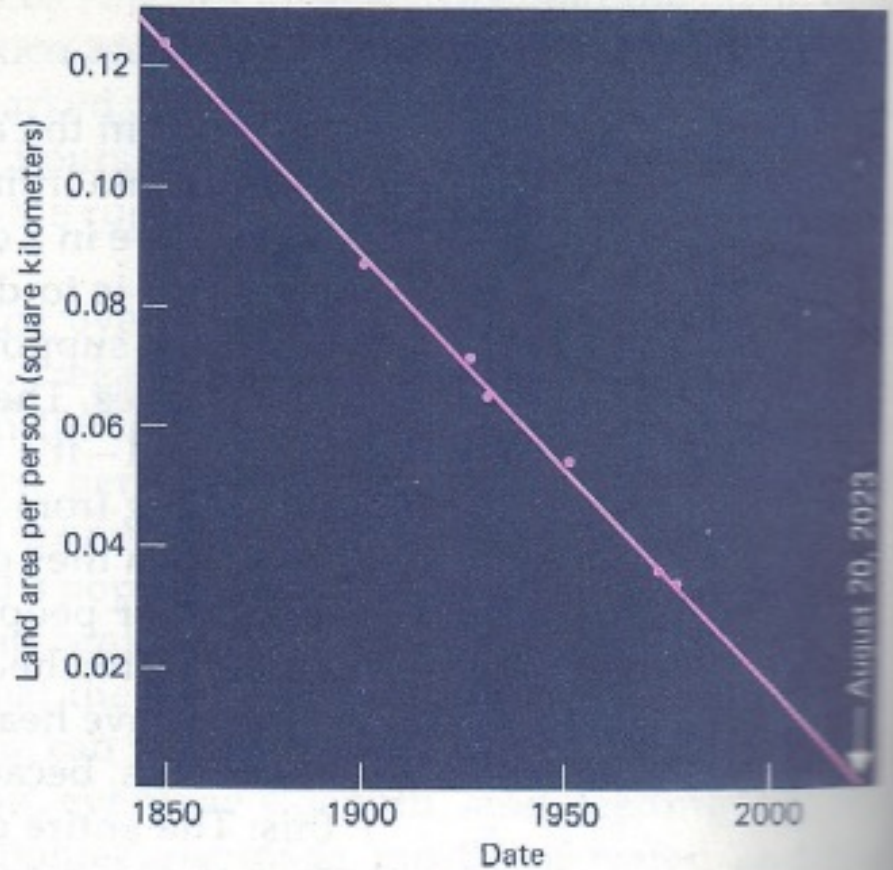
Planetary  
Nebulae

George O. Abell

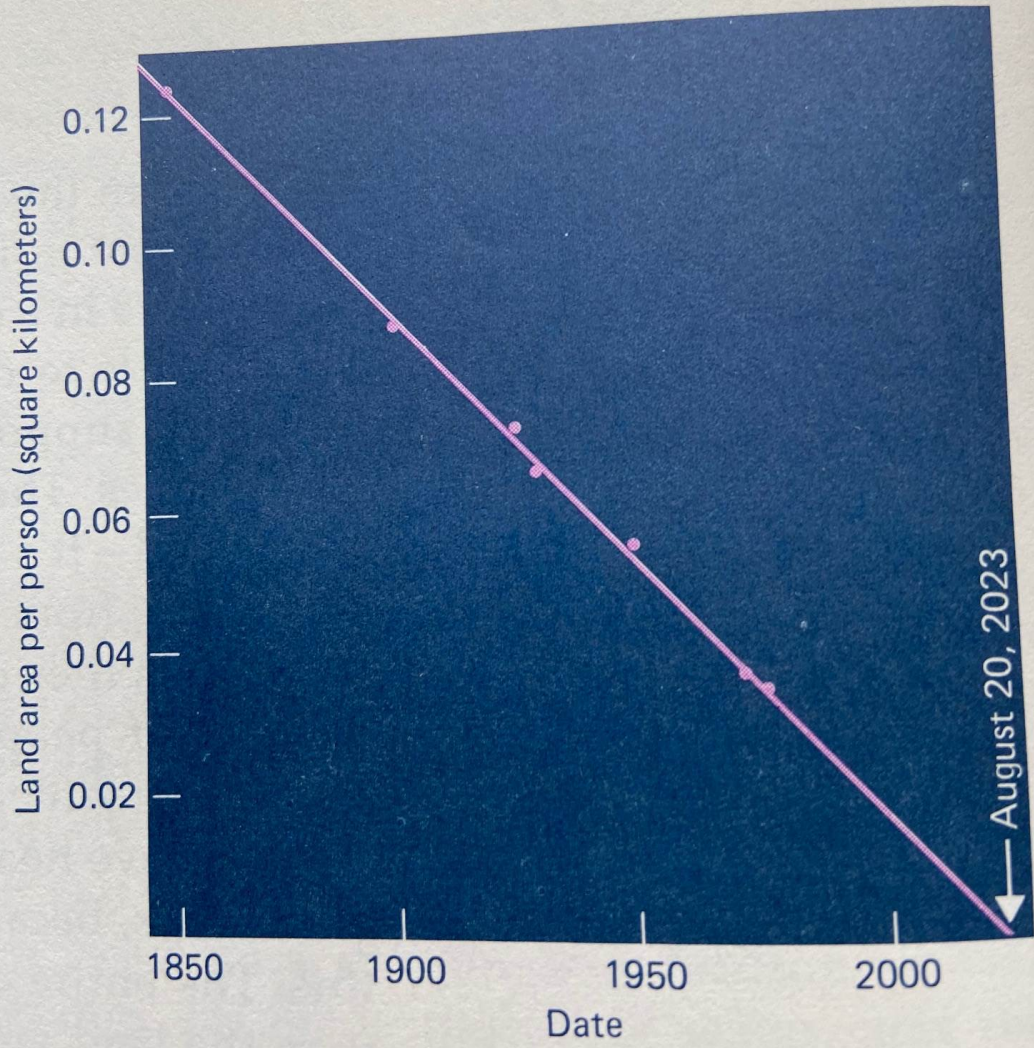
**DRAMA  
OF THE  
UNIVERSE**

Drama of the  
Universe  
(1979)

**FIGURE V.39**  
The land area of the earth  
available to each living  
human being, as a function of  
time.

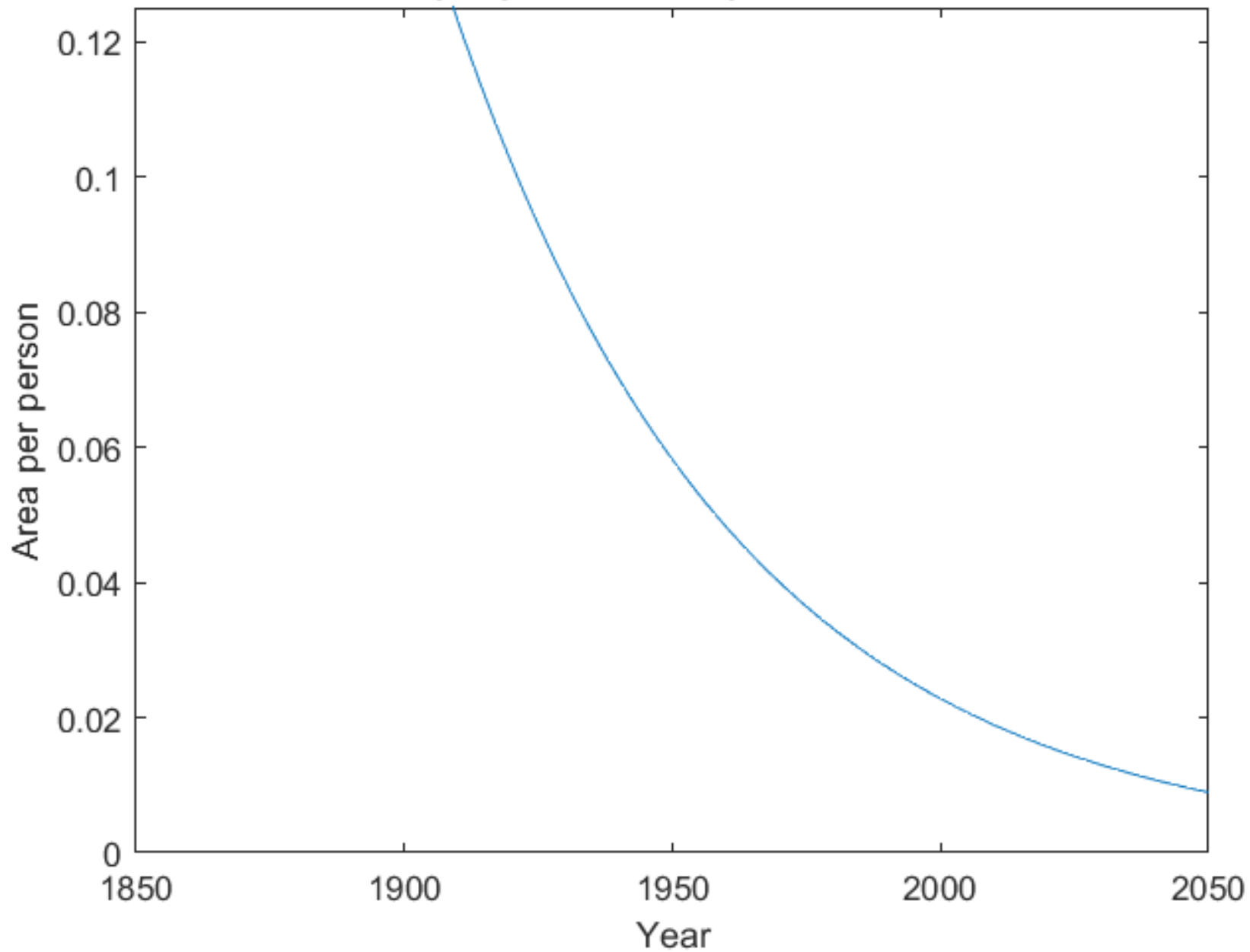


# Act V Scene 4 – The End of Humanity

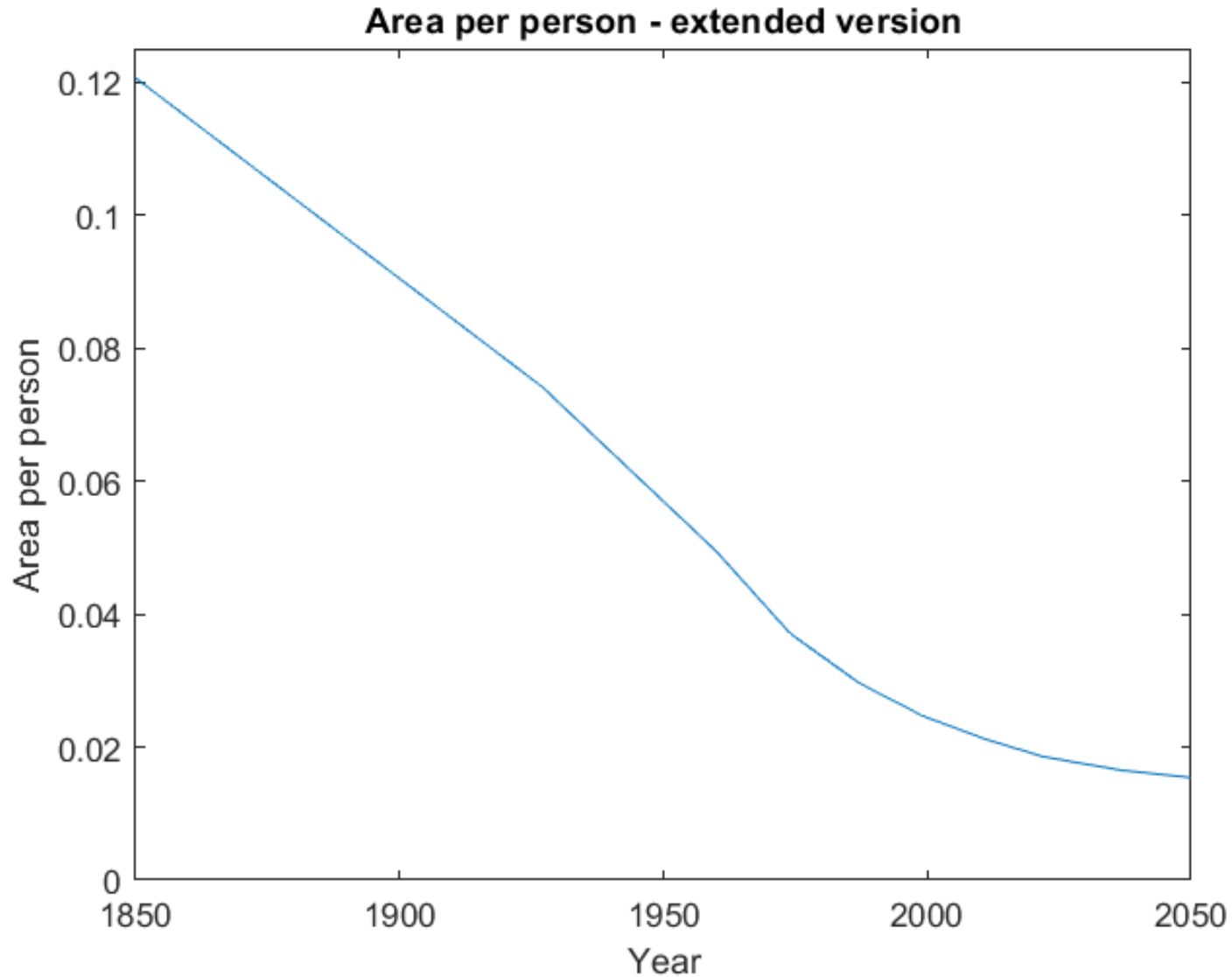


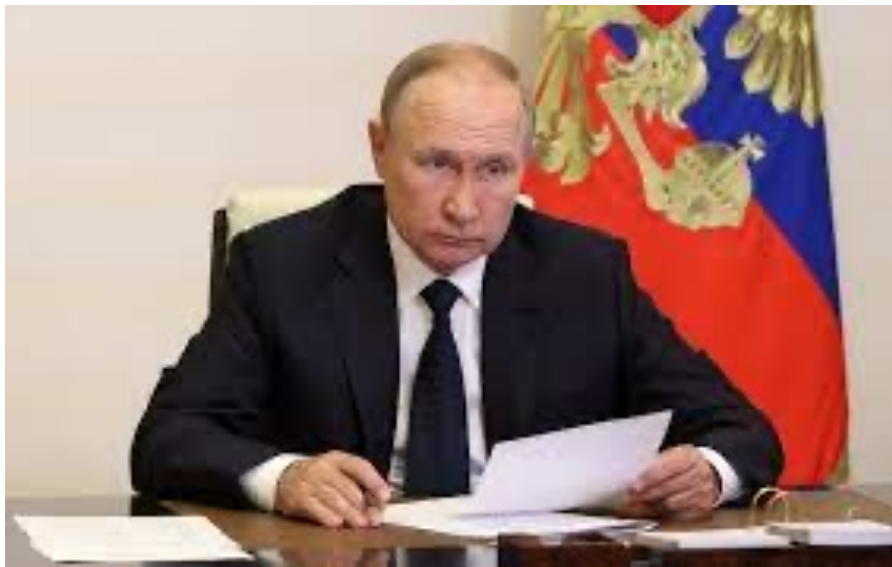
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**Area per person - 1/Exponential Model**



# How did it actually pan out?





What might  
actually finish us  
off by Aug 2023

