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1.2.1 Video: Limits on Growth: Verhulst's Model

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The Malthusian growth model $\frac{dP}{dt}=rP$ may not be the most reasonable model for many populations. How can we create a more realistic model for population growth that captures limitations on population growth?

In this section, we'll learn about the **logistic population model**, which is a modification of the exponential model to include the **carrying capacity** of the population in its environment. We'll then explore the long-term behavior of populations according to this model.

Video

Start of transcript. Skip to the end.

[MUSIC PLAYING]

ETHAN ADDICOTT: The Malthusian growth model,





English ▼

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