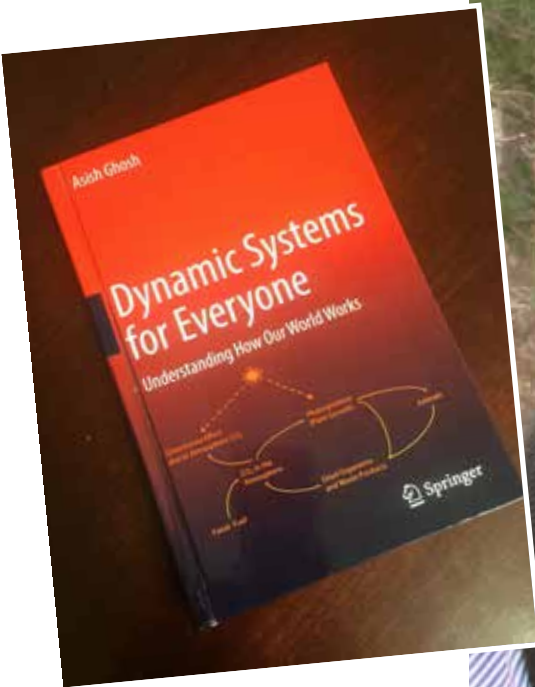
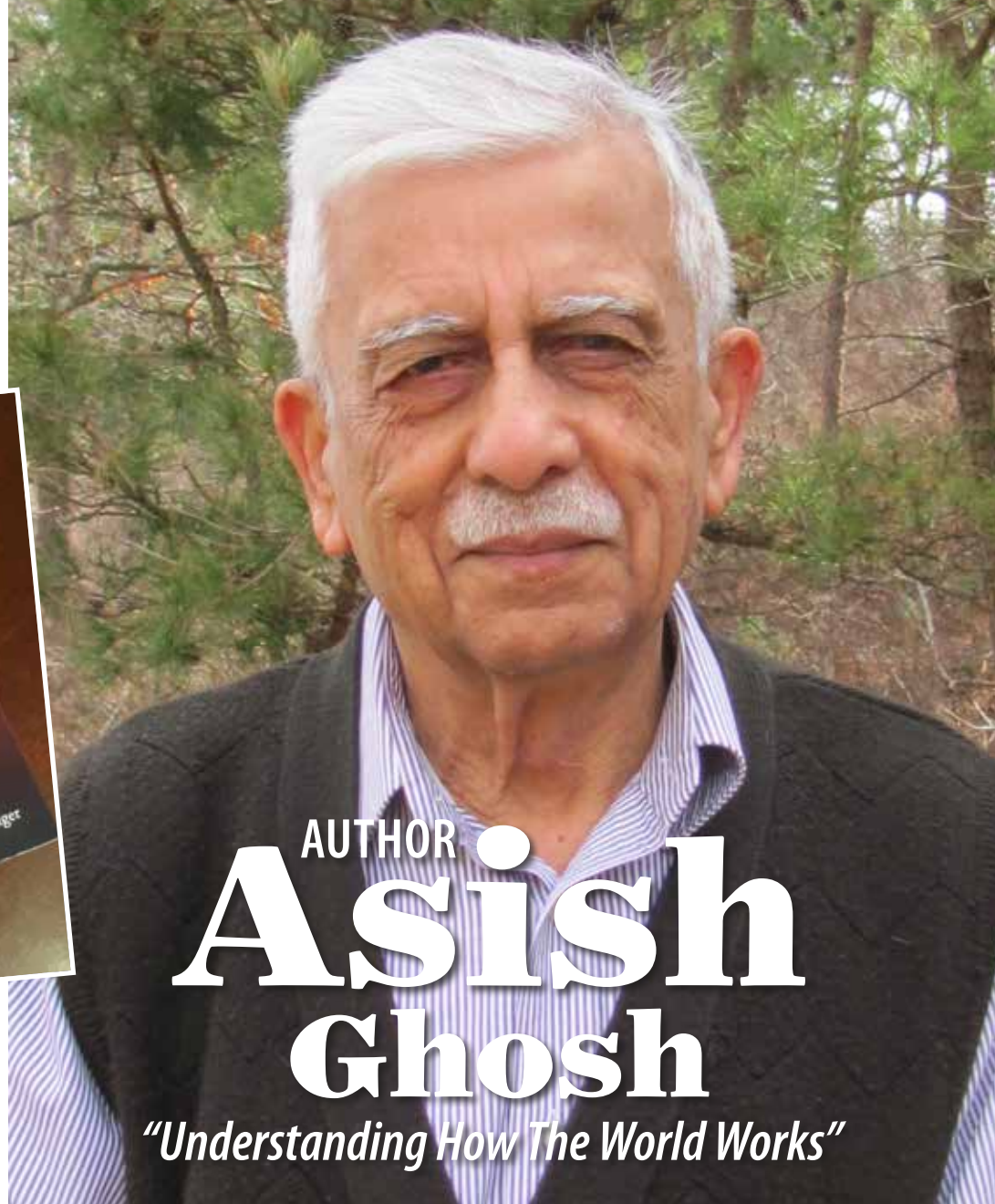


meet your neighbor

Submitted By **Asish Ghosh**
Written By **Jonathan Pappalardo**



If you venture into the Winslowe View neighborhood on any given day, you're more than likely to run into Asish Ghosh, born in India, who has called Massachusetts home for the last 40 years.

During these years in the Bay State, Asish made his living as a systems engineer. In his career, he says, he was "involved in analyzing the operations of large industrial and manufacturing systems and designing optimum ways for controlling them." He wrote a book on the subject, *Dynamic Systems for Everyone: Understanding How Our World Works* in 2015.

"I started writing this book after my retirement, and Pinehills tranquil atmosphere helped me in its completion," Asish explains. "Though my background is in Engineering, I wrote

this book in layman's terms so that everyone may understand the basic systems concepts."

A system exists when elements are paired together to create the desired outcome that couldn't be achieved by the individual elements on their own. Ghosh says systems are "about relationships between human beings, between groups and between human and machines."

He uses the relationship between the carbon cycle and global warming as an example. "Most scientists agree that an increase in carbon dioxide (CO₂) gas in the Earth's atmosphere is the primary reason for global warming. Oxygen, which is abundant in the atmosphere, combines with the carbon in wood, vegetation and fossil fuels by various natural and human activities and forms CO₂, which goes back to the atmosphere."

He adds, "Plants use sunlight and CO₂ to make their food in a process known as photosynthesis. Herbivores get carbon by eating vegetable matters, while omnivores and carnivores derive it from plants and other animals. As plants and animals die and decay the carbon goes back to the atmosphere as CO₂. These interactions are collectively termed as the carbon cycle."

Asish continued, saying the cycle has been going on for centuries, however, since the Industrial Revolution in the 1700s, which led to a significant increase in deforestation and the burning of oil, coal, and natural gas. These factors, he says, are the reason

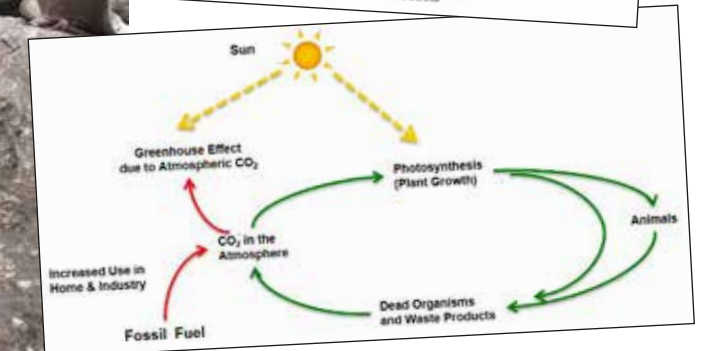
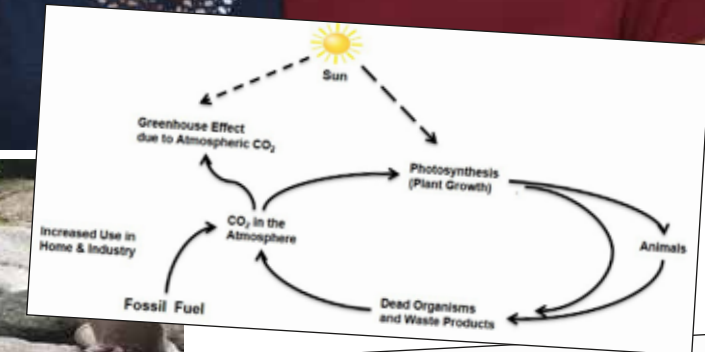
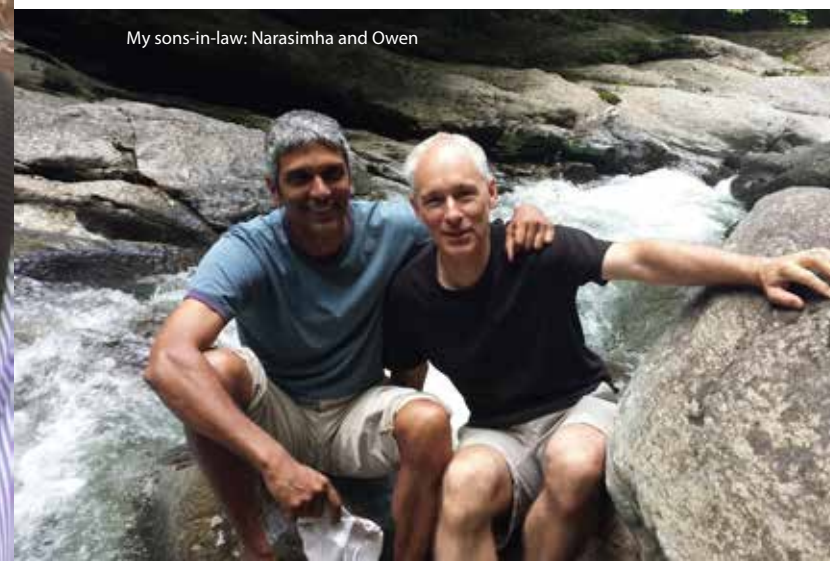
My grandson: Ahan



My Daughters: Asha and Anna



My sons-in-law: Narasimha and Owen



The Carbon Cycle

CO₂ has increased so dramatically in our atmosphere. The danger, he points out, is CO₂ "traps heat from solar radiation in the atmosphere" and the excess of the gas is causing the polar ice caps to melt.

"The carbon cycle is an example of an interconnected system," says Asish. "The interactions between various natural, biological, and social factors create effects that are detrimental to the human society. Thus, by applying system principles, we can better understand such global problems and develop better solutions."

While researching for his book, Asish came upon an abundance of informa-

tion on manufacturing and business improvement but found little existed on social relations. As a result, he decided to make the interactions between humans and systems his primary focus. "This book will enable readers to better interact with one another and with systems they encounter in their professional and social lives, such as reduction of conflicts, unintended consequences and the development of a holistic world-view."

The book is now in its second edition, which was released last year and is available through Amazon and other book retailers. Asish says he will gladly talk about systems to anyone who is interested and has plans to write an occasional column on the subject in future issues of this magazine.

In the meantime, Asish is enjoying his retirement and life in The Pinehills. He lived in Wrentham

for many years where he raised his two daughters and resided in Hopedale (located near Milford and Uxbridge) before making The Pinehills his permanent home in 2013.

He doesn't regret that decision in the least. "I like The Pinehills for its extensive walking paths and its proximity to the ocean beaches, which are wonderful for walking my dog, Oskar. It is a pleasure to live here, where I can share my thoughts and ideas with so many intelligent and interesting people of my age group."



We enjoy meeting the neighbors of Pinehills! If you would like to share your story, email KDevlin@n2pub.com