



# Phenology: An Integrative Environmental Science (Tasks for Vegetation Science)

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Phenology is the study of plant and animal life cycle events, which are triggered by environmental changes, especially temperature. Wide ranges of phenomena are included, from first openings of leaf and flower buds, to insect hatchings and return of birds. Each one gives a ready measure of the environment as viewed by the associated organism. Thus, phenological events are ideal indicators of the impact of local and global changes in weather and climate on the earth's biosphere.

Assessing our changing world is a complex task that requires close cooperation from experts in biology, climatology, ecology, geography, oceanography, remote sensing and other areas. This book is a synthesis of current phenological knowledge, designed as a primer on the field for global change and general scientists, students and interested members of the public. With contributions from a diverse group of over fifty phenological experts, covering data collection, current research, methods and applications, it demonstrates the accomplishments and potential of phenology as an integrative environmental science.

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### **Bibliography**

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### Editorial Review

#### From the Back Cover

*Phenology* refers to recurring plant and animal life cycle stages, such as leafing and flowering, maturation of agricultural plants, emergence of insects, and migration of birds. It is also the study of these recurring events, especially their timing and relationships with weather and climate. Phenological phenomena all give a ready measure of the environment as viewed by the associated organism, and are thus ideal indicators of the impact of local and global changes in weather and climate on the earth's biosphere.

Assessing our changing world is a complex task that requires close cooperation from experts in biology, climatology, ecology, geography, oceanography, remote sensing, and other areas. Like its predecessor, this second edition of *Phenology* is a synthesis of current phenological knowledge, designed as a primer on the field for global change and general scientists, students, and interested members of the public. With updated and new contributions from over fifty phenological experts, covering data collection, current research, methods, and applications, it demonstrates the accomplishments, progress over the last decade, and future potential of phenology as an integrative environmental science.

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Reading can called head hangout, why? Because if you are reading a book specially book entitled *Phenology: An Integrative Environmental Science (Tasks for Vegetation Science)* your brain will drift away through every dimension, wandering in each aspect that maybe mysterious for but surely can be your mind friends. Imaging just about every word written in a reserve then become one type conclusion and explanation which maybe you never get previous to. The *Phenology: An Integrative Environmental Science (Tasks for Vegetation Science)* giving you an additional experience more than blown away your mind but also giving you useful details for your better life with this era. So now let us show you the relaxing pattern this is your body and mind are going to be pleased when you are finished looking at it, like winning a casino game. Do you want to try this extraordinary shelling out spare time activity?

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