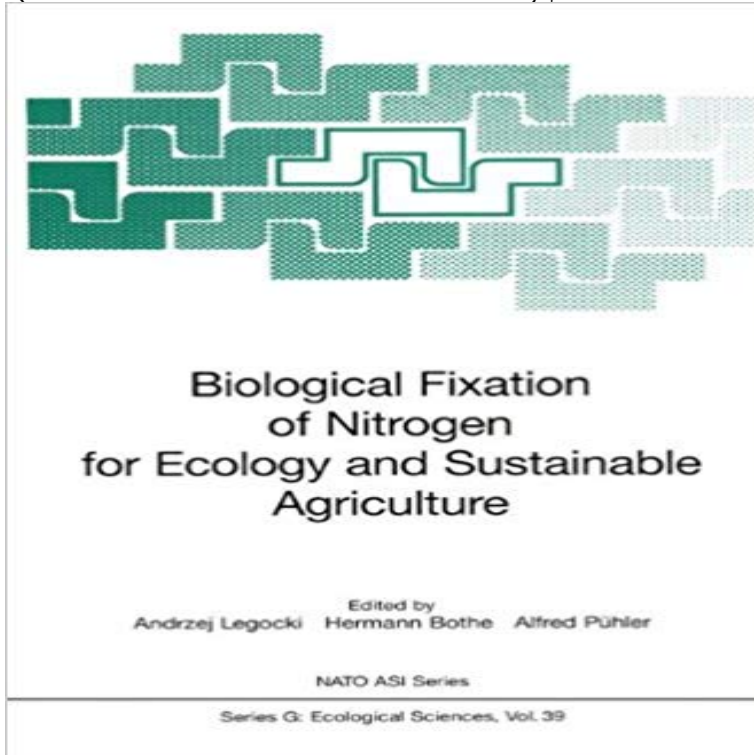


# Biological Fixation of Nitrogen for Ecology and Sustainable Agriculture (NATO ASI Series / Ecological Sciences)



Biological nitrogen fixation (BNF) - the conversion of molecular nitrogen into ammonia - is one of the most important reactions in ecology and agriculture. It is performed exclusively by microbes (prokaryotes) that live in symbiosis with plants. This book summarizes the latest research on this reaction, the participating microbes and the genetics of how their relevant genes could be transferred into the plants. In the light of a more sustainable and less ecologically damaging agriculture, this is becoming an increasingly pressing issue.

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