Response to Reviewer 2 Comments

Point 1:

Abstract

Say only the main results of the study

Better explain the methodology

Clarify the aim of the work

Response 1:

The abstract section has been revised to add and streamline the main results of the study, and logistic regression methods have been added to validate the relationships between drivers and spatial types. And a separate section, 2.4 Methods, is organized to provide a detailed and clear explanation of the methodology.

In this study, on the basis of scientific assessment of the current P-L-E space, the FLUS model is applied to carry out scenario simulation according to different objectives. Meanwhile, based on the construction of the coupling system of human-nature system, the driving factors are improved to enhance the prediction accuracy of the FLUS model. This study's findings can help improve the scientificity, flexibility, and management efficiency of Feixi County's P-L-E spatial layout, thereby supporting its sustainable development.

Point 2:

Introduction

Add the definiton or description of "productive-living-ecological (P-L-E) spaces"

Add their main feautures

Add the differences between them and the ecosystem services. To this objective, some useful references could be: Morano, P., Guarini, M. R., Sica, F., & Anelli, D. (2021, September). Ecosystem Services and Land Take. A Composite Indicator for the Assessment of Sustainable Urban Projects. In International Conference on Computational Science and Its Applications (pp. 210-225). Springer, Cham; Yang, Z., Li, S., Sun, D., Li, C., & Wu, J. (2022). Intensive Evaluation and High-Quality Redevelopment of Enterprise Land Use: A Case Study in China. Land, 11(3), 432.

Response 2:

A definition and description of "productive-living-ecological (P-L-E) spaces" has been added in the INTRODUCTION section with a description of its main characteristics. Also, based on additional study of more references, a research direction in ecosystem services as P-L-E has been derived and is discussed in this section.

Point 3:

Materials and methods

Figure 1 is too much small

Figure 2 can be removed

Add in Table 1 the reference years of data collected
Better describe the figure 3 and 4

Response 3:

Figure 1 has been enlarged and Figures 1 and 2 have been merged with the new figure number Figure 1. Table 1 has been reorganized and the reference years of the data have been added.

The figure numbers of Figs. 3 and 4 have been modified to Figs. 4 and 5, regarding their data treatment in 1.5, 1.5.2 and 1.5.3.

Also the description about them is in this section, mainly expressed in Table 4.