## **Supplementary Information for**

## Controlled Synthesis, Growth Mechanism and Highly Efficient Solar Photocatalysis of Nitrogen-Doped Bismuth Subcarbonate Hierarchical Nanosheets Architectures

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Fig. S1 SEM images of the sample treated for 6 h.



Fig. S2 SEM images of the sample treated for 7 h.



**Fig. S3** SEM images (a, b, c, d) of the sample treated for 8 h. Each image is intentionally selected to show the characteristics of different area.



Fig. S4 SEM images (a, b) of the sample treated for 9 h.



Fig. S5 SEM images (a, b, c, d) of the sample treated for 12 h.