Appendix 1

Fig. 1 Vegetation health index in mid-July 2007 and 2008 (For the paper “Early Detection and Monitoring Droughts form NOAA Environmental Satellite” by Felix Kogan and Wei Guo in Part I)
Appendix 2

Fig. 1 Mid-May VH and Ukraine’s average cereal yield, 2002–2004 (For the paper “Satellite-Based Crop Production Monitoring in Ukraine and Regional Food Security” by Felix Kogan, Tatiana Adamenko and Mikola Kulbida in Part II)
Appendix 3

![Map showing correlation of VH indices (VCI, TCI, VHI) with SST anomaly in the tropical Pacific during ENSO years in 1982–1997](image)

**Fig. 1** Correlation of VH indices (VCI, TCI, VHI) with SST anomaly in 3.4 tropical Pacific during the ENSO years in 1982–1997 (For the paper “ENSO Impact on Vegetation” by Felix Kogan in Part III)
Appendix 4

**Fig. 2** Lag correlation of VHI for December–February with SST anomaly for December–February (lag0), September–November (lag3), June–August (lag6) and March–May (lag9). Red box indicates 3.4 area where SST data were collected (For Fig. 2 “ENSO Impact on Vegetation” by Felix Kogan in Part III)
Appendix 5

Fig. 1 Processed mean NDVI (left) and BT (right) for three global latitude bands (For Fig. 1 “Comparison of AVHRR-Based Global Data Records” by Felix Kogan, Marco Vargas and Wei Guo)