

## **THE TERRESTRIAL MAGNETISM IN THE XXI CENTURY AND ITS RELATIONSHIP WITH THE GEOSCIENCES**

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On the beginning of the 3rd. Millenium we arrive to the sunspot Cycle 23, that will have its maximum activity between may 2000 to may 2001. This event, particularly, affect to the communications via satellite (for example GPS) and its forecast will turn out very important. Thanks to the information supplied by the satellites and the modern computational techniques, we are in condition to take precautions of this effect, especially in the realization of magnetic surveys and in the use of the GPS and other satellital techniques of communication. The XXI Century offer us the possibility of real-time monitoring of space weather conditions and of to accede to parameters collected and displayed through special websites, recorded for archiving and digital data. These data will be available for follow-up analysis. Perhaps, in the next years, we would can understand unsolved problems in the 20th Century.