

**INDIVIDUAL AND GROUP PERCEPTION OF THE PSYCHOLOGICAL ADAPTATION DURING THE FIRST CONCORDIA WINTERING**

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**Introduction**

The new Concordia station opened in 2005 with a 13 persons' group for the first wintering. Isolation and confinement are stronger in this station than in coastal stations like Dumont d'Urville because of its situation 1000 km inside the Antarctic Continent in a desert and quite cold place with no animals. Moreover, the group was multi-cultural, with French and Italian people. Thus, it could be hypothesised that the stress conditions will be harder than in the coastal stations usually studied.

**Method**

A debriefing was made in November by two psychologist (one French and one Italian) with questionnaires and interviews. It allowed to gather quantitative and qualitative data related to the psychological adaptation to this very specific situation.

**Results**

The results presented here concern the quantitative data. They dealt with the longitudinal perception of the adaptation during the winter-over. Comparisons will be done on the one hand between the individual adaptation and the group adaptation along with time and the other hand with the results obtained in the coastal station of Dumont d'Urville.

**Discussion**

Discussion will be organised in relation with previous knowledge dealing with psychological adaptation to polar environment.