

MOHOLY-NAGY MŰVÉSZETI EGYETEM

# AURA RUHA

XXI. SZÁZADI KÁROS KÖRNYEZETI HATÁSOK ENYHÍTÉSE A  
TEXTILIPARI FEJLESZTÉSEK ALKALMAZÁSÁVAL, SZUBJEKTÍV VÉDELEM  
TRADÍCIONÁLIS ÉS MAI ÖLTÖZÉKEK SEGÍTSÉGÉVEL

ALLEVIATION OF HARMFUL ENVIRONMENTAL EFFECTS THROUGH  
THE APPLICATION OF NEW MATERIALS IN CLOTHES DESIGN,  
SUBJECTIVE PROTECTION THROUGH TRADITIONAL  
AND  
MODERN CLOTHES

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## THESIS

1. Traditional clothes as protection from extreme weather conditions in societies living symbiotically with nature.
2. Protection against intense sunshine among desert people.
3. Transplanting the experience of societies adapted to extreme weather conditions into similar phenomena in 21st century European cities.
4. In modern technology it is advisable to use softer, more flexible biological materials instead of industrial materials.
5. The application of algae in architecture and design opens new horizons.
6. Presence and proximity of plants is vital for our balanced existence.

## **SUMMARY**

In my PhD work I wish to carry out the harmonisation of our life in the 21st century cities via clothes and accessories combining experience tried through centuries and generations with the outputs of scientific research of the textile industry.

Human being's natural habitat is nature but by hard work we have managed to break out of it and have been damaging our outer and inner world systematically for centuries.

In our verbal and non-verbal informational flood, electrosmog, hot concrete in summer and breathless streets natural materials plants may provide a more pleasant atmosphere and feeling. We mustn't carry on subduing our flora and fauna- we have been doing so since the 21<sup>st</sup> century- we must learn from ancient cultures living in harmony with nature.

By presenting useful and prospective developments and discoveries by the integration of these results- combining our best knowledge of the latest technical developments with experience from the past millenium-we may be right.

The gist of my thesis is organised around the above mentioned proposition. In my thesis I will put forward some ideas about the relationship between humanity and nature but my main topic focuses on the application of innovations in textile industrial development.

In my thesis I am dealing with desert people since in my opinion it is ideal to combine their traditional outfit and centuries-long experience with the latest developments because the new materials have not been tested yet, latent, potentially harmful effects on health.