

## **Ecomimcry and Nano Air Vehicle Design**

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### **Abstract:**

The Research Dealt With The Issue Of The Distinction Between Biomimicry And Ecomimcry When Inspired By Nature In Building Human Artifacts To Overcome The Confusion Between The Two Concepts, Whether During Innovation Or When Criticizing And Evaluating, That In The Light Of Nanotechnology Innovations.

With The Beginning Of The Third Millennium, There Are Terms That Have Changed Based On Technological Development And The Discovery Of New Worlds That Man Was Not Aware Of (The World Of The Large Surrounding It In The Vast Space With Its Criminality, Stars And Planets, And The Small World That Is Replete With Micro-Organisms). Those Concepts That Expanded After Revealing Those Worlds To Make Ecomimicry And Nanotechnology One Of The Most Important And Broadest Sources Of Inspiration In The Field Of Industrial Design, Especially For The Design Of Micro-Creations Such As Wearable Technology.

The Inspiration Takes Place In Two Stages:

First, Biomimicry: The Ability To Inspire The Formal And Natural Properties Found In Systems, Structures, And Mechanisms From Nature To Invent Human Inventions To Perform Certain Functions.

Second, Ecomimcry: The Ability To Inspire Through Basic Sciences, Mathematics, Physics, Chemistry And Others To Support The Requirements Associated With Operational Functions, Materials Functions, Manufacturing Functions, And Production Functions. As Well As Aesthetic Functions

### **Keywords:**

Ecomimcry - Nanotechnology - Nano Air Vehicle.