



## **SEMINARIO**

### **“Enhancing school environments for learning and well-being: Lessons from a large-scale transdisciplinary research initiative in Quebec (Canada)”**



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#### **Abstract**

The content of this seminar focuses on the research and action program put forward by a multidisciplinary consortium of researchers to guide the modernization of the public schools of Quebec (Canada). This group of university professors was commissioned by the Quebec Ministry of Education to produce decision-support tools based on reliable knowledge and to make those accessible via a web platform by 2024. The aging of school buildings and the evolution of educational missions created a favorable context for such research. Not only this national renovation program should make buildings more functional, comfortable, pleasant, and sustainable, they should support educational success. The team included over 100 researchers in architecture, design, education, and psychology. A transdisciplinary process was favored to encompass the ethical, technical, and aesthetic concerns of the various stakeholders associated with the education community: the Ministry of Education, nearly 60 school boards, 1,000 staff members in Quebec's primary and secondary schools, and 15 partner associations and federations in education, architecture, and design. This presentation explains the challenges of generating knowledge about specific schools and successfully generalizing it to a school population of over 2,700 buildings located throughout the province of Quebec.

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**Via dei Marsi, 78 - Aula 1**