



Faculty of Design

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A Systemic, Socioecological Approach for Community Resilience: The case study of the World Music School

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A Systemic, Socio-ecological approach for community resilience:



THE CASE STUDY OF THE WORLD MUSIC SCHOOL





- **Isolation**
 - As a disruption to the system's basic organisation and components
- **World Music School**
 - As an innovative sub system enhancing the connectivity of the system
- **Resilience**
 - As a mechanism to keep the system running

Isolation



A multi causal consequence



Isolation: telecommunication



- Telecommunication have enhanced a specific kind of connectivity
 - Audio and visual are conveyed
 - Kinesthetic is suppressed
- Social media like facebook are as inclusive as they are exclusive
 - Some communities are being considered as going against « the policies » because of their identities
- The omnipresence of this connectivity has diminished the other kind of interconnections.
 - Physical interconnections
 - proximity; emotional
 - belongingness

Isolation : migration



- The globalization has allowed and or forced people away from their home environment leading to a massive amount of people in a « foreign » environment
 - The shift from environment being forced or voluntary is a context shift that require more personal ressource and energy to process the daily life chores
 - The individual situated in a foreign environmment is by nature limited in his connectivity especially when he/she doesn't speaks the language, know the culture and/or has a social network of his/her own in the place.

Isolation : Covid-19



- Covid-19 have led most government to reduce human travels and interaction to limit the spread of the virus
- The travel ban has been preventing some people to go to back home
- Quarantine has been increasing the individual isolation and its connectivity to the rest of the system and subsystem

Isolation : Consequences



- **Isolation weakens the resilience of the component**
 - Components that are disconnected are more fragile
 - Component behaviour might become inefficient
 - Component might become a hindrance
- **The sub-system level**
 - Disturbed by uneffective components
 - Disturbed by loss of component
- **At the system level, isolation weakens the coherence of the whole structure**
 - Perturbation is born from within the system
 - Fragile components become a toll for the system itself
- **The environment level**
 - Damage might be done to the environment through any scale by defective behaviour.

The World Music School Helsinki



A connectivity enhancer



The World Music School Helsinki



- **A complex social system**
 - Focal point
 - Mechanism
 - Purpose
- **Community of practice**
 - Learning as :
 - ✦ Doing : as participation
 - ✦ Belonging : as being a member
 - ✦ Becoming : gaining an identity
 - ✦ Experience : learning through empirical information
 - A shared enterprise
 - Position within the community

The World Music School Helsinki : A complex social system

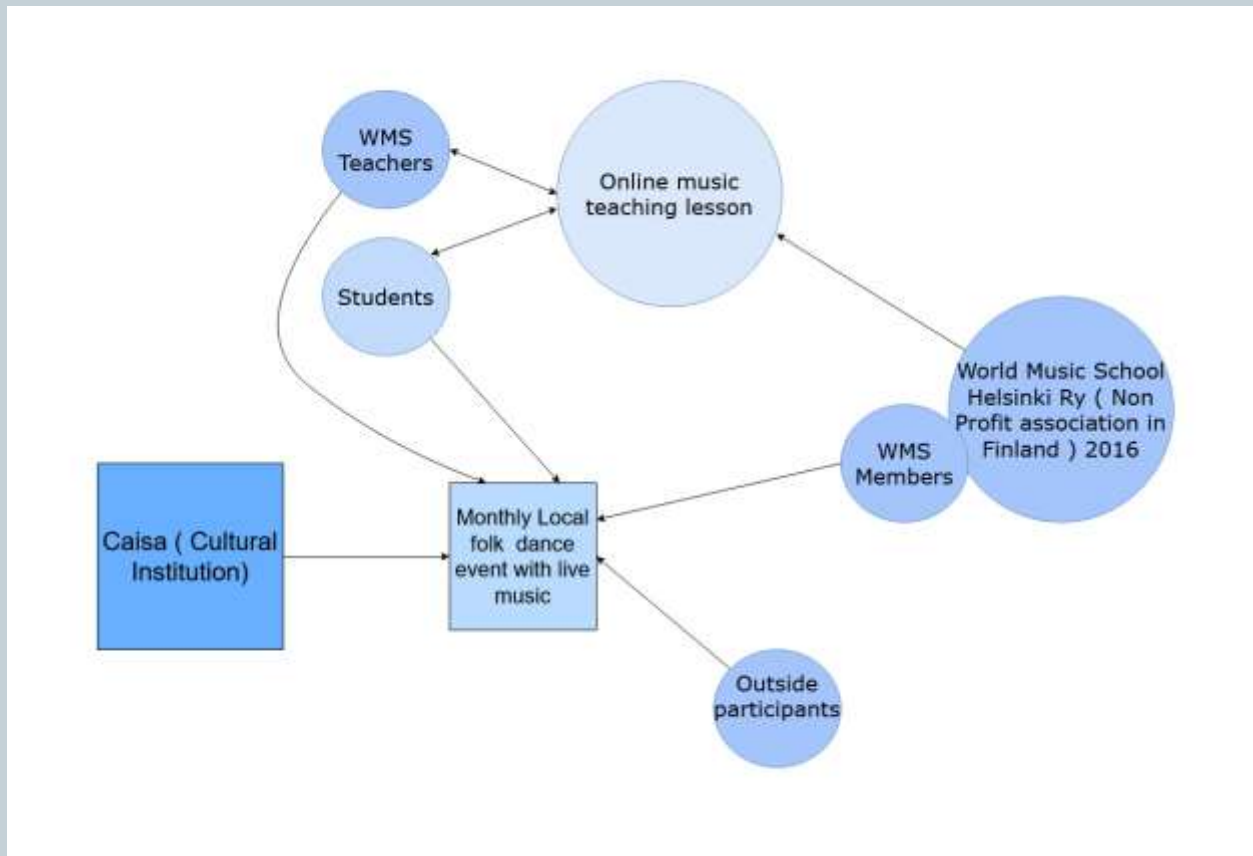


- Focal position in the system
 - A sub-system
 - Its components
- Purpose
 - *Teaching music as a mother language*
 - ✦ Like the learning of our mother tongue, the method of the WMS is going through repetition, rehearsal and mimesis

The World Music School Helsinki : A complex social system



- Mecanism and actors



The World Music School Helsinki : a community of practice (1)



- Learning as
 - ✦ Doing : as participation
 - ✦ Belonging : as being a member
 - ✦ Becoming : gaining an identity
 - ✦ Experience : learning through empirical information

The World Music School Helsinki : a community of practice (2)



- A shared enterprise
 - Learning together
- Position within the community
 - Central position
 - ✦ WMS members
 - ✦ Recurrent participant
 - Legitimate Peripheral position
 - ✦ Occasional participant

RESILIENCE

This, too,
shall pass.



Resilience : Enhancing Connectivity



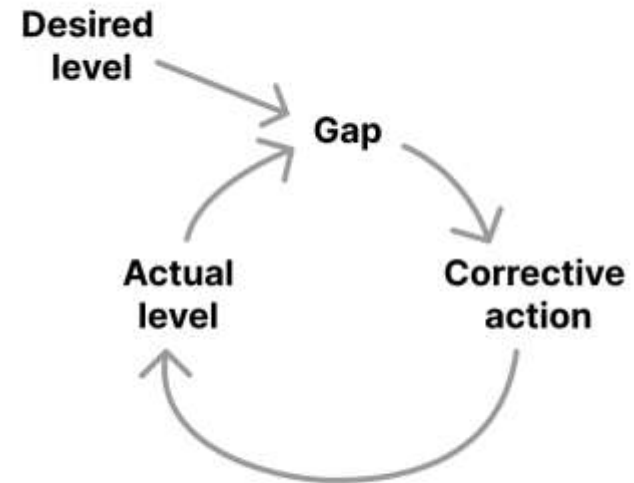
- Create bonds among unrelated people
 - Finnish national
 - Non Finnish national
 - ✦ Different nationalities
- Create bonds among related people
 - Allow diaspora to reconnect to their own culture despite being away from the original environment + social media blockade
- Develop a Kinesthetic bond
 - Answer to the need developed due to Covid-19 and digital age

Resilience : Feedback loop



- **Stabilizing feedback loop**
 - Stabilize the connectivity of the individuals against the constant entropy of interconnections

The WMS offers a corrective action to fill the gap of interactions and of interconnections that the many participants require



Resilience : Feedback loop



- **Consequences**

- Components' resilience is enhanced, being more connected they become more resistant to disturbance
- The different scales of the system absorb a part of the disturbances and reduce their sensitivity toward shocks and disturbances
- The creation of bonds also develop new connection from which emergent results can be expected

Conclusion : a Community of Resilience



- **The WMS helsinki is a community of resilience**
 - It is a sub-system that follows a system model
 - Its main function is to strengthen connectivity among people
 - It insert itself among a vast net of other subsystem, and benefits not only to its components but also to other sub-system (Caisa, Noona
 - Individuals see an increase in their resilience as well as their social capital