INTERNATIONAL CONFERENCE
FOREST – THE BEST PLACE FOR OUTDOOR LEARNING, Forest and Climate Change

FRIDAY, 25. 11. 2022

11.00 – 12.00 **Arrival, registration, coffee and snacks**

12.00 – 12.30

Welcome speeches
Branko Kumer, MSc, director of CŠOD
dr. Janez Berdavs, Ministry of the Environment and Spatial Planning

12.30 – 13.45

Introductory lectures:	**Andrej Breznikar, Kristina Sever** **Slovenia Forest Service, Slovenia**	*How forests adjust to climate change*
	dr. Gregor Torkar **Faculty of Education, University of Ljubljana, Slovenia**	*Under the canopy of climate change: challenges for education*

	BEECH room, 1st floor	FIR room, 1st floor	LARCH room, 3rd floor	OAK room, ground floor & field work
	Moderator: Irena Kokalj, CŠOD	Moderator: Simona Žibert Menart, CŠOD	Moderator: Zoran Petrov, CŠOD	Moderator: Irena Brajkovič, CŠOD
14.00 – 14.30	**Jenni Jelkänen, Finland** City of Lahti *Emotions in (our) nature*	**Mateja Jelen, Slovenia** OŠ Preska (Primary school Preska) *Four images of nature*	**Mika Čemažar Tratar, Slovenia** OŠ Oskarja Kovačiča (Primary school Oskarja Kovačiča) *Invisible helpers from the forest floor in the beneficial use of kitchen waste*	**Živa Pečavar, Slovenia** 14.00 – 14.45 (workshop - 45 min) CŠOD
14.30 – 15.00	**Daan Bleichrodt, Netherlands** IVN Natuureducatie *Miniforest revolution – how to create a tiny forest with the Miyawaki method*	**Irena Štangelj Pavlakovič, Slovenia** CŠOD *There will be no winter this year, so we are not going to sleep this year*	**Vanja Kolar Ivačič, Slovenia** OŠ Bistrica ob Sotli *Learning about the importance of trees and empowering students to take action on climate change*	*Predator – Prey: Food Webs in Action* **Tina Fabijan, Slovenia**
15.00 – 15.30	**Jan Froněk, Czech Republic** TEREZA Educational Center *Pocket-sized school forests – why are they a good idea and how can you make one in your school ground? The Czech story.*	**Špela Klofutar, Slovenia** *The significance of direct experience in early science education*	**Vesna Potočnik, Slovenia** ŠC Škofja Loka (School centre Škofja Loka) *Evaluation of the outdoor learning lesson with secondary vocational education students*	14.45 – 15.30 (workshop - 45 min) CŠOD *Forest challenge*
15.30 – 16.00	**Break, coffee, snack – dining room and outside**			
16.00 – 16.30	**Ernest Pirnat, Slovenia** OŠ Oskarja Kovačiča Ljubljana (Primary school Oskarja Kovačiča Ljubljana) *Hazel and its versatility*	**Mateja Jaklitsch, Slovenia** OŠ Center (Primary school Center) *Let us feel nature*	**Bára Semeráková, Czech Republic** GLOBE Program Europe and Eurasia Region Coordination Office, TEREZA Educational Center *Phenology Campaign and Carbon Cycle Module: Students observe trees from spring to autumn with the GLOBE Program*	**Katja Kavčič Sonnenschein, Slovenia** 16.00 – 16.45 (workshop - 45 min) The Slovenian Forestry Institute
16.30 – 17.00	**Aleksandra Zabavnik, Slovenia** OŠ Glazija Celje (Primary school Glazija Celje) *A Forest Scale Model with Activities*	**Gabrijela Visenjak, Slovenia** OŠ Dragomelj (Primary school Dragomelj) *Forest for every day*	**Anna Fischerová, Czech Republic** TEREZA Educational Center *Children + Forest + Climate = Outdoor learning*	*Climate change and forest genetic diversity*

				Urša Vilhar, Ajša Alagić, Slovenia
17.00 – 17.30	**Maša Cokan, Slovenia**	**Suzana Jefim, Slovenia**	**Nastja Škrabl, Slovenia**	16.45 – 17.30 (workshop - 45 min)
	CŠOD	OŠ Veliki Gaber (Primary school Veliki Gaber)	OŠ Hruševec Šentjur (Primary school Hruševec Šentjur)	The Slovenian Forestry Institute
	Forest, mindfulness and sustainable development through holistic teaching	*Let's help the forest and the environment*	*Fourth-graders innovatively equipped and cross-curricularly connected in the forest*	*Are aliens also in our forests?*

17.45 – 19.00	**Panel discussion:**	**Panelists:**	**Moderators:**
	Forests, Climate Change and Education	**dr. Gregor Torkar**, Faculty of Education, University of Ljubljana, Slovenia	**Mirjana Jesenek Mori**, CŠOD
		Brian Campbell, NASA and the GLOBE Program, USA	**Domen Uršič**, CŠOD
		mag. Lenča Humerca Šolar, Ministry of the Environment and Spatial Planning, Slovenia	
		dr. Nevenka Bogataj, Slovenian Institute for Adult Education, Slovenia	
19.00 – 20.00	**Dinner time**		
	Daily presence signing		

20.00 – 21.00	**Poster presentations, 1st floor**	**Moderator: Meta Vončina Gnezda, CŠOD**
	Aleš Prapertnik, CŠOD, Slovenia:	*Using natural waste material in the forest as a learning aid*
	Martina Kržič Nagy, OŠ Preserje, Slovenia:	*It's a lake and we are pile dwellers*
	Tjaša Trampuž, OŠ Hrpelje, Slovenia:	*School day "Back to the Nature" and "Back to the Nature 2"*

SATURDAY, 26. 11. 2022

8.00 – 9.00 **Registration, breakfast time**

9.00 – 10.00	**Introductory lecture:**	**Brian Campbell, NASA and the GLOBE Program, USA**	*Looking at Trees, Tree Height, and a Changing Climate from the Ground and Space with NASA and the GLOBE Program*

10.00 – 10.30 **Break, coffee, snack - dining room**

	BEECH room, 1st floor	FIR room, 1st floor	LARCH room, 3rd floor	OAK room, ground floor & field work
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10.30 – 11.00	**Corina Zabel, bsj Marburg, Germany** bsj Marburg *Spinnennetz*	**mag. Marjana Penca Palčič, Slovenia** OŠ Šentjernej (Primary school Šentjernej) *The Forest Has a Memory*	**Domen Uršič** CŠOD *What can we learn from the Scout ZLET experience?*	**Alex Steiner, Bill Hunt, USA** 10.30 – 12.00 (workshop - 90 min) Klamath Outdoor Science School *Utilizing 7 science concepts to help improve understanding of climate change*
11.00 – 11.30	**CHATROOM** 11.00 - 12.30 *Zoom space for an international chat on forests and climate change*	**Nevenka Bogataj, Slovenia** Slovenian Institute for Adult Education *The forest in learning and education for sustainable development*	**mag. Blanka Perpar, Slovenia** OŠ Žužemberk (Primary school Žužemberk) *The forest as a playroom*	
11.30 – 12.00		**Matjaž Mastnak, Slovenia** Arboretum Volčji Potok *Urban trees for changed climate*	**Mojca Rudolf, Slovenia** CŠOD *Living things - our wealth*	
12.00 – 12.30		**dr. Petra Regent, Slovenia** OŠ Žužemberk (Primary school Žužemberk) *Reading challenge and play in forest – relocation of school counseling activities from school to forest*	**Marjeta Nelc, Slovenia** OŠ heroja Janeza Hribarja Stari trg pri Ložu *Little Explorers and Forest Guards*	**Anna Fischerová, Czech Republic** 12.00 – 12.45 (workshop - 45 min) TEREZA Educational Center *Lessons in the woods*

12.30 – 14.00 **Lunch time**

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14.00 – 14.30	**Ana Rejec, Slovenia** OŠ Franceta Bevka Tolmin (Primary school Franceta Bevka Tolmin) *Natural living environment – forest*	**Matjaž Palčič, Slovenia** OŠ Šentjernej (Primary school Šentjernej) *My Leaf, my Universe*	**Maja Črepinšek, Slovenia** Vrtec Mavrica Vojnik (Kindergarten Mavrica Vojnik) *With climate goals, even in the pre-school period, responsibly to the best and most beautiful classroom - the forest*	**Brian Campbell, USA** 14.00 – 14.45 (workshop - 45 min) NASA and the GLOBE Program
14.30 – 15.00	**Maša Petan Omejec, Slovenia** OŠ Leskovec pri Krškem (Primary school Leskovec pri Krškem) *Together for a better future*	**Boštjan Hren, Slovenia** Slovenia Forest Service, OE Celje *Forest pedagogy - developing new tools and methods in education about forests; The Urban Forest of Celje as an open air classroom*	**Rozalija Fabić, Slovenia** OŠ Podzemelj (Primary school Podzemelj) *Science class in a forest*	*Using the NASA GLOBE Observer to observe tree height and land cover in a forested area*

15.00 – 15.30	**Andreja Tomažin, Slovenia** CŠOD *Innovative approach to ecoremediation of Močilnica stream*	**Danijela Capuder, Slovenia** ŠC Škofja Loka (School Centre Škofja Loka) *Create your own e-herbarium*	**Majda Hočevar Pleško, Slovenia** OŠ Mengeš (Primary school Mengeš) *Climate carpet in the forest classroom at Primary school Mengeš*	**Helena Šneberger Mandelj, Slovenia** 15.00 – 15.45 (workshop - 45 min) Large carnivore centre Dina Pivka
15.30 – 16.00	**Anja Podojsteršek, Slovenia** OŠ Kolezija (Primary school Kolezija) *There is no place for waste in the forest*	**Barbara Vidic, Slovenia** OŠ Sava Kladnika Sevnica (Primary school Sava Kladnika Sevnica) *The forest fascinates us*	**Tina Hribar, Slovenia** OŠ Dragomelj, Program Ekošola (Primary school Dragomelj, Ecoschool program) *Planting a learning forest according to the Tiny Forest ® methodology*	*The impact of large carnivores on the forest ecosystem and its ability to adapt to climate change*
16.00 – 16.30	**Break, coffee, snack - dining room**			
16.30 – 17.00	**Davorin Horvat, Slovenia** OŠ Videm (Primary school Videm) *The Development of Environmental Education When Making the Eco Cube*	**Fanika Strojin, Slovenia** OŠ Šentjernej (Primary school Šentjernej) *A witch's spell in the forest*	**Andreja Jelinčič, Slovenia** OŠ heroja Janeza Hribarja Stari trg pri Ložu (Primary school of hero Janez Hribar Stari trg pri Ložu) *Forrest is my friend*	**Ana Vidmar, Slovenia** 16.30 – 17.15 (workshop - 45 min) OŠ Šenčur (Primary school Šenčur) *Gremo v gozd, nabrat modrost*
17.00 – 17.30	**Katja Križe, Slovenia** Vrtec Ptuj (Kindergarten Ptuj) *Forest = my green playroom*	**Urška Vodišek, Slovenia** OŠ Škofljica (Primary school Škofljica) *Let's make a forest trim trail*	**Katarina Kralj, Slovenia** OŠ Kungota (Primary school Kungota) *Science investigation in nature*	

18.00 **Conference conclusions**

Daily presence signing and departure

Depending on their interest, participants can freely change sections.

For workshops the OAK room is only the gathering point; workshops are carried out outdoors.

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE IN PROSTOR

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA IZOBRAŽEVANJE, ZNANOST IN ŠPORT

Izvedbo mednarodne konference »Gozd – najlepša in najboljša učilnica: Gozd in podnebne spremembe« sofinancirata Ministrstvo za okolje in prostor iz Sklada za podnebne spremembe in Ministrstvo za izobraževanje, znanost in šport.