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THEME

Restoration of Eutrophic Lakes: Current Practices and Future Challenges

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RESTORATION OF EUTROPHIC LAKES

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Cover illustration Fisherman Ilkka Tonteri unloads cyprinid fish caught with a seine from Lake Vesijärvi, Finland, close to the site of the Lahti Lakes 2018 symposium. Management fishing is employed in Lake Vesijärvi to control cyprinid populations, remove nutrients and suppress internal phosphorus loading, thereby supporting the productivity of valuable fish stocks. The average catch target is 20 kg/ha/year. Since 1987, more than 4.5 million kilograms of cyprinid biomass have been removed from Lake Vesijärvi, corresponding to more than 34 tonnes of phosphorus. The food industry uses the catch to produce fish mass as a raw material for fish steaks and canned roach. Smaller fish are used to produce biogas and compost in the Lahti area. Photograph by Juha-Pekka Huotari (City of Lahti, Finland).

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