



Director \_\_\_\_\_ Yury Pautov

## Silver Taiga Foundation Annual Working Plan for 2015

### General Contents:

#### **Primary activity**

1. Contribution to establishment of Protected Areas on the basis of pristine forests (Yu. Pautov)..... p. 2
2. Ecosystem and landscape background for forestry and FSC planning (N. Shuktomov, Yu.Pautov,)..... p. 3
3. Model River Mezen – cooperation with local communities (V.Semyashkina, N. Shilov)..... p. 4
4. Model River Mezen – restoration of fish resources (N. Shilov, N. Shuktomov)..... p. 6
5. Evaluation of the long-term impact of forestry (logging) on water resource (Yu. Pautov)..... p. 8
6. Consultations and training (Yu.Pautov)..... p. 9

#### **Supplementary activity** (in case additional financing is involved)

7. Regional Komi Model Forest Development program for 2013 – 2015 (Yu. Pautov)..... p. 10
8. Forest communities and use of natural resources. Interaction of forest communities and large forest business (V. Semyashkina)..... p. 11
9. Initiation of volunteer movement (A.Mikheeva)..... p. 12
10. Support of FSC certification in Russia (Yu. Pautov)..... p. 13

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## **Primary activity**

### **1. Contribution to establishment of Protected Areas on the basis of pristine forests (Yu. Pautov).**

#### **Objective for 2014-2016:**

To search and strength compromise solutions on conservation and sustainable use of pristine forests in priority regions of the Komi Republic and to spread positive experience in Arkhangelsk region.

#### **Planned activity:**

##### **1.1. Koygorodok district**

Preparation of the demonstration route infrastructure (arrangement of the field camp, selection and description of the demonstration points with key biotopes and habitats of the species listed in the Red Book, laying and marking of a route path) in the northern part of the designed Koygorodsky National Park for the forestry specialist, students, and teachers of the forestry universities.

##### **1.2. Udora district**

- Organization of the expeditions to the central part of the Verkhne-Vashka massif of pristine forests in the Udora district, aimed at the clarification of its conservation value as HCVF of the interregional and international (European) level (June 2015).
- Development of an ecological justification for organization of the complex reserve in the Core of the Verkhne-Vashka Intact Forest Landscape -IFL (within the boundaries of the Komi Republic), based on the available scientific, reported, and forest management data, ERS (Earth Remote Sensing) data, as well as the materials of the earlier researches, conducted by the Silver Taiga Foundation, WWF branch in Arkhangelsk, and Arkhangelsk environmental initiative. A submission of the developed justification to the Center of Protected Areas of the Komi Republic, Ministry of Natural Resources and Environmental Protection of the Komi Republic, and Forest Committee of the Komi Republic (December 2015).
- Development of an ecological justification for organization of the complex reserve in the Core of the Karpogory IFL (within the boundaries of the Komi Republic), based on the available scientific, reported, and forest management data, ERS (Earth Remote Sensing) data, as well as the materials of the earlier researches, conducted by the Silver Taiga Foundation, WWF branch in Arkhangelsk, and Arkhangelsk environmental initiative. The submission of the developed justification to the Center of Protected Areas of the Komi Republic, Ministry of Natural Resources and Environmental Protection of the Komi Republic, and Forest Committee of the Komi Republic (December 2015).

##### **1.3. Other districts**

- Monitoring of lend-lease and development of pristine forest massives and fragments, based on the ERS data, for the Knyzhpogost, Ust-Vym, Ukhta, Sosnogorsk, Vuktyl, and Troitsko-Pechorsk districts within the framework of the preparation and conducting of the voluntary forest certification of the Komi Republic enterprises (*during the year*).
- Organization of the training course on the regularities of the pristine forests landscape-ecological dynamics on the demonstration routes in the Pechoro-Ilych reserve for the Silver Taiga Foundation employees and active foundation volunteers (*June 2015*).
- Participation in the work of the Committee on the priority investment projects at the Ministry of Industrial Development and Transport of the Komi Republic (*during the year*).
- Participation in the Session of the Working group on the development of the Strategy for conservation of the intact forest landscapes in the Barents Euro-Arctic Region – Sweden – March 2015

##### **1.4. Publishing of an information booklet “Forest treasure of the Komi Republic” about the conservation of the pristine forest massifs in the region (November 2015).**

#### **Cooperating organizations (in alphabetic order):**

- Administration of Koigorodok region;
- Administration of Udora region;
- Arkhangelsk environmental initiative;
- Forest Committee of the Komi Republic;
- Forest State Unit in Koigorodok;
- Forest State Unit in Letka;
- FSC Office in Russia;
- Greenpeace Russia;
- Ministry of Industrial Development and Transport of the Komi Republic;
- Ministry of Natural Resources and Nature Protection of the Komi Republic;
- Mondi Syktyvkar;
- Reserve “Nurgush-Tulashor” – Kirov region;
- State Budgetary Institution of the Komi Republic “Republican Center for Specially Protected Natural Areas and Nature Management Support”;
- WWF Russia.

**2. Ecosystem and landscape background for forestry and FSC planning**  
(N. Shuktomov, Yu.Pautov).

**Objective for 2014-2016:**

- 2.1. Supporting forestry and FSC planning with background GIS layers based on different methods of data collection including field work linked to data bases and recommendations important for planning. To establish first cartographic base for river catchments and first recommendations on catchment's management (watershed, slopes, terraces, wetlands of stream valleys, streams and rivers)
- 2.2. Preparation the draft of "Recommendations on HCVF and key biotopes identification, preservation and monitoring on FSC certified areas" in compliance with criteria 6.2, 6.3, 6.4, 9.2, 9.3, 9.4 of Russian FSC Standard (version 6-1) for various level planners (base, medium, advance)
- 2.3. Developing educational course on landscape-ecological planning of forest management on base of ERS materials in Komi Model Forest area.
- 2.4. Developing the "Recommendations on monitoring of flora and fauna on FSC-certified areas". in compliance with criteria 8.2.7 of Russian FSC Standard (version 6-1) together with FSC Russia and WWF Russia.

**Planned activity:**

- 2.1. Supporting of forestry and FSC planning with background GIS layers based on different methods of data collection including field work linked to data bases and recommendations important for planning. To establish first cartographic base for river catchments and first recommendations on catchment's management (watershed, slopes, terraces, wetlands of stream valleys, streams and rivers).**
  - Selection, description, and arrangement of the new demonstration objects for the field educational courses on the forest use landscape planning in the Komi Model Forest – *May 2015*.
  - Assessment of the conducted and planned logging and forest management of OJSC "Mondi Syktyvkar" on the pilot areas on conformity to the FSC certification requirements (jointly with the Wood supply department of OJSC "Mondi Syktyvkar" and LLC "Tekhkarta").
- 2.2. Preparation of the draft of "Recommendations on HCVF and key biotopes identification, preservation and monitoring on FSC certified areas" in compliance with criteria 6.2, 6.3, 6.4, 9.2, 9.3, 9.4 of Russian FSC Standard (version 6-1) for various level planners (base, medium, advance).**
  - Preparation of the manuscript "Recommendations on landscape-ecological planning of the forest use with account of the FSC National standard requirements" (in accordance with criteria 6.2, 6.3, 6.4, 9.2, 9.3, 9.4.) for approval by the Technical Council of the Forest Committee of the Komi Republic.
- 2.3. Developing of educational course on landscape-ecological planning of forest management on base of ERS materials in Komi Model Forest area.**
  - Organization and conducting of 2 educational seminars on use of the GIS methods and ERS materials for long-term and short-term planning of the forest use and forest management with account of the FSC certification requirements for the specialists of OJSC "Mondi Syktyvkar" contractor companies (*February 2015*).
  - Organization and conducting of 4 field courses on the fulfillment of the ecological requirements of the FSC National standard, using GIS methods and ERS materials, for technical managers, forest foremen, industrial engineering department specialists, and forest logging sites "allocators" of the certified companies (*May, June, September, October 2015*).
  - Organization and conducting of a field course on fulfillment of the ecological requirements of the FSC National standard, using GIS methods and ERS materials, for the specialists of the forestry units and Forest Committee of the Komi Republic (*October 2015*).

**Cooperating organizations (in alphabetic order):**

- Forest Committee of the Komi Republic;
- Forest State Unit in Priluzje;
- FSC Russia;
- Greenpeace Russia;
- Institute of Biology of RAS in Komi;
- Luzales – wood harvesting and processing company;
- Ministry of Natural Resources of the Komi Republic;
- Mondi Syktyvkar;
- Non-profit partnership "Transparent World" in Moscow;
- Skanex – cartographic company – Moscow;
- Syktyvkar Forest Institute;
- Tefra consulting company – Syktyvkar;
- Tekhkarta – cartographic company – Syktyvkar;
- Territorial Data Bank under Komi Republic Head Administration;
- Ust-Nem forestry unit;
- WWF Russia.

### 3. Model River Mezen – cooperation with local communities (V. Semyashkina, N. Shilov).

#### **Objective for 2014-2016:**

- 3.1. Creating public awareness on problems related to fish resources and possible solutions. Ensuring public access to this information.
- 3.2. Promoting development of sustainable resource management methods among local users following local population being aware of current problems and jointly discussing them.
- 3.3. Information, tutorial and administrative support of local entrepreneurs and initiators of tourism development and recreational management of river resources.
- 3.4. Developing cooperation between municipalities along the Mezen river (Udora district of the Komi Republic, Leshukonskoye and Mezen districts of Arkhangelsk region).
- 3.5. Developing public self-government and cooperation among citizens of settlements located along the Mezen river (within districts and between districts).
- 3.6. Supporting environmental, educational and regional study activities among students and youth under the project subject (cooperating with schools and vocational education institutions).
- 3.7. Elaborating proposals for the regional legislation relating to the role of traditional resource management of the river for the sustenance of the local population.
- 3.8. Disseminating information on the project and its results (information support of the project).

#### **Planned activity:**

##### **3.1. Creating public awareness on problems related to fish resources and possible solutions. Ensuring public access to this information.**

- Meetings with the population with presentation of the program “Let’s preserve salmon!” by the Green troops propaganda team in the rural settlements Tsenogora and Yuroma of the Leshukonsky district of the Arkhangelsk region (jointly with the Udora Central library system). *March 2015.*
- Development, manufacture, and installation of information boards (banners) on the topic of river resources conservation in the most visited places along the Mezen in the Udora district (10 information boards). *May – June - July 2015.*
- A roundtable on the population survey results – for the working youth on the basis of the National museum in Koslan. An acquaintance with the exposition “The Mezen: history of the river resources management”, and a discussion. *March 20 – 21, 2015.*
- A roundtable on the population survey results – for the members of the Non-governmental organization of veterans on the basis of the National museum in Koslan. An acquaintance with the exposition “The Mezen: history of the river resources management”, and a discussion. *May 2015.*
- 6 editions of the thematic supplement to the Udora district newspaper. *During the year.*
- Publishing of a wall calendar– 2016 with photos and information from the history of the villages located near the Mezen (an emphasis on the role of the river and fishery, traditions of the former river management). *December 2015.*
- Publishing of an information brochure booklet “The Mezen basin ichthyofauna and nature use traditions of the local population. The Model River Mezen project initiatives”.
- Informing of the population through the libraries (work of the summer reading eco-rooms in the villages Bolshaya Pyssa and Chernutyevy; an exhibition of literature on the river and fishing, readers’ conference-discussion on the novel of Fyodor Abramov “Once upon a time there lived a salmon”, etc.). *During the year.*

##### **3.2. Promoting development of sustainable resource management methods among local users following local population being aware of current problems and jointly discussing them.**

- Coordination of the project Working group activity. Conducting of 2 Working group meetings with the discussion of the river resources management problems (analysis of the fishing grounds activity – for commercial and amateur fishing – and recommendations development; new Fishery regulations – advantages and disadvantages, recommendations; organization of the public control on the river; etc.). *During the year.*
- A joint meeting of the Tourism Coordination Committee of the Udora municipal district and representatives of the project Working group on the streamlining of the tourist load on the fish resources in the Mezen river basin. *February 12, 2015.*
- Preparation of the proposals on the streamlining of the tourist activity in the Mezen river basin – for the administration of the municipal district, Agency for Tourism, and Ministry of Natural Resources and Environmental Protection of the Komi Republic. *February – April 2015.*
- Support of the public control organization by the AgroUdora cooperative members on the leased areas (informing on the rights of the public inspectors, public support provision).
- Organization and holding of a republican conference-dialogue on the river resources management problems – in the Udora district. (Koslan). *November 2015.*

##### **3.3. Information, tutorial and administrative support of local entrepreneurs and initiators of tourism development and recreational management of river resources.**

- The seminar “Rural tourism development – rural areas development” (from the experience of the rural districts of the Arkhangelsk region) with the participation of a deputy of the Arkhangelsk regional assembly of deputies. *February 2015.*
- Supervision of the development and implementation of the local projects, information and methodological support of the rural public initiatives authors participation in the grant competitions (jointly with

the Center of the Sustainable Development under the Syktyvkar State University and NGO “Indigenous women of Komi”).

**3.4. Developing cooperation between municipalities along the Mezen river (Udora district of the Komi Republic, Leshukonskoye and Mezen districts of Arkhangelsk region).**

- Meetings with the local population in the villages of the Mezen district. Discussion of the nature use and fish resources management problems. *February - March 2015.*
- A roundtable devoted to the information about the survey-2014 results and analysis of the amateur fishing organization practice on the fishing grounds – in the village Leshukonskoye (with participation of the Udora and Mezen districts representatives). *March 2015.*

**3.5. Developing public self-government and cooperation among citizens of settlements located along the Mezen river (within districts and between districts).**

- A seminar devoted to the rural TPSG (territorial public self-government) work experience exchange (jointly with the Udora representative office of the interregional public movement “Komi voytyr”, activists of the TPSG of the Leshukonsky district, and republican territorial public self-government association (ATOS). *March 2015.*

**3.6. Supporting environmental, educational and regional study activities among students and youth under the project subject (cooperating with schools and vocational education institutions).**

- A seminar-presentation of the author educational program and methodological handbook on the ichthyofauna of the Mezen basin. The participants – teachers of the Udora district schools and invited representatives of the neighbor districts. *March 2015.*
- Dissemination of the educational program on the Mezen ichthyofauna in the rural schools of the districts located near the Mezen, its adaptation and implementation. A seminar on the experience exchange. *December 2015.*
- A district conference of schoolchildren on the basis of the Vazhgort school. A school “River patrol” creation initiative (jointly with the Center of Protected Areas and district education department). *March 2015.*
- Support of the summer ecological and regional history-exploration expeditions of schoolchildren and river banks cleaning campaigns (jointly with the Children’s art house of Usogorsk and rural schools). *June-August.*
- Organization of a field educational seminar for the Udora district schoolchildren.
  - Acquaintance with the methods of artificial fertilization and incubation of the valuable commercial fish species (jointly with the specialists of FSBI “Komirybvod”). *May 2015.*
  - Release of the farm-grown young fish to the fishing grounds of the AgroUdora cooperative. *June 2015.*
  - Mastering and practical application of the methods of fish resources monitoring, sustenance of the population of economically valuable types of ichthyocenosis, fish stock restoration activities. *June 2015.*
  - A conference of the seminar participants. Publication of a collection of schoolchildren research studies. *September 2015.*

**3.8. Disseminating data on the project and its results.**

- Publications in the mass media of the Komi Republic and Arkhangelsk region.
- Project information support on the website [www.silvertaiga.ru](http://www.silvertaiga.ru).
- Participation in the republican and interregional conferences on the sustainable development with reports about the river resources management problems and project progress.

**Cooperating organizations (in alphabetic order):**

- Administrations of Bolshaya Pyssa, Chernutyevo, Glotovo, Vozhgora, Koynas and other rural settlements;
- Administration of Leshukonskoye district of Arkhangelsk region;
- Administration of Mezen district of Arkhangelsk region;
- Administration of Udora region;
- Cooperative “Agroudora” operating along rivers;
- Editorial offices of “Vyl Tuyod”, “Zvezda” and “Sever” newspapers;
- Education Department of the Administration of Udora region;
- National Museum of the Udora District;
- Ozherelye Udory, company;
- Regional public movement “Native Women of Komi”;
- Republican territorial public self-government association (ATOS);
- Secondary schools of Bolshaya Pyssa, Glotovo, Vazhgort, Usogorsk and other settlements;
- State Budgetary Institution of the Komi Republic “Republican Center for Specially Protected Natural Areas and Nature Management Support”;
- Sustainable Development Center of the Syktyvkar State University;
- Udora branch of the Federal State Budgetary Institution “Komi Basin Fishery and Aquatic Biodiversity Preservation Administration (FSBI Komirybvod);
- Udora centralized library system;
- Udora region NGO – “Udorachi”;
- Udora representative office of the Interregional Public Movement “Komi Voytyr” (NGO);
- Usogorsk Children Activity Center.

#### **4. Model River Mezen – restoration of fish resources**

(N.Shilov, N. Shuktomov).

##### **Objective for 2014-2016:**

- 4.1. To support development and start of implementation of the target interregional Mezen salmon preservation and restoration program initiated by the project (hereinafter referred to as the Program):
  - 4.1.1. To coordinate the activity of the interregional working group on the Program section development.
  - 4.1.2. To organize cooperation of partners from Komi and Arkhangelsk region in the Mezen river basin.
  - 4.1.3. To develop proposals on restoration of fish resources in the Mezen river basin.
  - 4.1.4. To assess possibility and feasibility of licensed fishing by local population. To develop recommendations.
  - 4.1.5. To develop proposals on adaptation of the Mezen river fishery legislation and rules to the opinions of public organizations and citizens.
  - 4.1.6. To assess particular fishery projects implemented in the Mezen river basin and to support them, if necessary.
  - 4.1.7. To suggest mechanisms (forms) of public control and to promote establishment of such control.
- 4.2. To facilitate approval of the Program on the regional level and its implementation.
- 4.3. To establish monitoring of fishery projects implemented on the Mezen river.
- 4.4. To proceed with the annual monitoring of quality of spawning and salmon spawning grounds.
- 4.5. To facilitate implementation of fish protection activities.
- 4.6. To support projects on restoration of resident fish species.

##### **Planned activity:**

- 4.1. To support development and start of implementation of the target interregional Mezen salmon preservation and restoration program initiated by the project (hereinafter referred to as the Program):**
  - 4.1.1. To coordinate the activity of the interregional working group on the Program section development.**
    - Development of proposals for the specific Program sections. *February 2015.*
    - Organization and holding of two meetings of the interregional Working group. *April. November.*
    - Analysis of the data of the sociological survey of the population living in the districts near the Mezen (jointly with the Institute of Socio-Economic and Energy Problems of the North of the Komi Scientific Center of the Ural Branch of the Russian Academy of Sciences. *February.*
    - Collection and analysis of the statistical data of the department of state control, supervision and protection of water biological resources of the Komi Republic of the Dvina-Pechora Unit of the Russian Fishery Agency for the last 30 years. (Department of state control, supervision and protection of water biological resources of the Komi Republic). *March.*
    - Preparation of a section of the interregional Program “Analysis and estimation of the scale of illegal Atlantic salmon catching on the whole river length, from its source to its mouth”. *November.*
  - 4.1.2. To organize cooperation of partners from Komi and Arkhangelsk region in the Mezen river basin.**
    - Prolongation of the cooperation agreement with FSBI “Komirybvod” on organization and conducting of the salmon monitoring and protection, organization of the work on the support of the valuable commercial fish species populations.
    - Conclusion of a cooperation agreement with the AgroUdora cooperative on the information and consulting support of the sustainable management development on the leased areas; organization of a joint fish resources monitoring on the leased areas; support of the projects on fish populations maintenance and public control organization by the cooperative members.
    - Conclusion of a cooperation agreement with the Udorachi indigenous people community on the organization and search of the legitimate forms of traditional use for the local residents needs.
    - Conclusion of a cooperation agreement with the SBI (state budgetary institution) of the Komi Republic “Center of Protected Areas” on the organization and search of the legitimate forms of traditional use for the local residents needs, as well as participation in the conducting of an annual monitoring; holding of joint educational activities.
  - 4.1.7. To suggest mechanisms (forms) of public control and to promote establishment of such control.**
    - Initiating of the public fishing council establishment of the Udora district. *February.*
    - Supervision of the public council operation. *During the year.*
    - Provision of consultation services. *During the year.*
- 4.3. To establish monitoring of fishery projects implemented on the Mezen river.**
  - Conducting of a practical seminar on the monitoring methodology for the AgroUdora cooperative members. *July.*
  - Monitoring implementation. *May - September.*
  - Informing of the project stakeholders, local population, and society about the monitoring results (publications in mass media). *October.*
  - Familiarity with examples of implementation of the fishery projects of the northwest of the European part of Russia. *October.*
- 4.4. To proceed with the annual monitoring of quality of spawning and salmon spawning grounds.**

- Adjustment of the methodology used for the monitoring of the Atlantic salmon population condition in the project framework.
  - Exploration of the salmon spawning grounds in the Mezen river basin to prepare their description. (jointly with the Institute of Biology of the Komi Scientific Center of the Ural Branch of the Russian Academy of Sciences). *July*.
  - Creation of a textbook of methods and photomaterial on the redds accounting method (jointly with the Institute of Biology of the Komi Scientific Center of the Ural Branch of the Russian Academy of Sciences). *October*.
  - Organization and holding of a seminar for the users (leaseholders, local population, and other stakeholders), devoted to the training on monitoring methods and identification of the salmon redds (aimed at the preparation of the skilled labour for participation and conducting of the monitoring and other field works in the project framework). *September*.
  - Carrying out of the field expeditions, aimed at the monitoring of the salmon population reproductive part. *October*.
- 4.5. To facilitate implementation of fish protection activities.**
- Holding of consultative and advisory meetings with the local population in the settlements along the rivers Vashka and Mezen. *June*.
  - Illegal fishing prevention. *June*.
  - Development, publishing, and dissemination of the information materials on the duties and rights of the public fish inspectors. *July*.
- 4.6. To support projects on restoration of resident fish species.**
- Support of the valuable commercial fish species populations on the fishing grounds, leased by the AgroUdora cooperative: participation in the fish stocking activities. *June*.
  - Justification of the fish stock restoration activities on the fishing grounds of the AgroUdora cooperative in the river Irva (jointly with the Institute of Biology of the Komi Scientific Center of the Ural Branch of the Russian Academy of Sciences). *August*.

**Cooperating organizations (in alphabetic order):**

- Administration of Leshukonskoye district of Arkhangelsk region;
- Administration of Mezen district of Arkhangelsk region;
- Administration of Udora region;
- Agricultural consumer cooperative “AgroUdora”;
- Federal State Budgetary Institution “Komi Basin Fishery and Aquatic Biodiversity Preservation Administration (FSBI Komirybvod);
- FSBI Sevrybvod;
- Institute of biology of the Komi Scientific Center of Ural Branch, Russian Academy of Science (Syktyvkar);
- Ministry of Agriculture of the Republic of Komi, aquaculture and fishery department;
- Ministry of Natural Resources and Environmental Protection of the Republic of Komi;
- State Aquatic Bioresources Inspection, Monitoring and Protection Agency of the Republic of Komi;
- State Budgetary Institution of the Komi Republic “Republican Center for Specially Protected Natural Areas and Nature Management Support”;
- State Inspectorate for Small Vessels in the Ministry of Emergency Situations of Russia in the Komi Republic;
- Udora region NGO – “Komi Voytyr”;
- Udora region NGO – “Udorachi”

## 5. Evaluation of the long-term impact of forestry (logging) on water resources (Yu. Pautov).

### **Objective for 2014-2016:**

- 5.1. To analyze scientific data (first of all, from international sources) on forestry and logging impact on hydrological regime of rivers and catchment areas.
- 5.2. To evaluate influence of logging regime on state of rivers and streams based on comparisons of rivers covered by monitoring.
- 5.3. To evaluate influence of logging on state of small wetlands along streams and on flooded part of river valley.
- 5.4. To develop recommendations for the logging industry and forestry planners on how to avoid or reduce negative influence of logging on streams and rivers.

### **Main results of 2014:**

The conducted analysis of the scientific literature has shown an availability of the reliable timber cutting impact on the hydrological regime of the small and medium-size rivers in a short and medium term retrospective (10-15 years). However, the results of such researches in a long-term retrospective (30 and more years) are very rare. The problem of the “solid run-off” (organic and mineral soil parts) export from the logging sites and their redistribution in the floodplains and channels of watercourses remains poorly studied. Therefore, it is planned to put the primary focus on these aspects during the project field expeditions in 2015.

### **Planned activity:**

#### **5.1. To analyze scientific data (first of all, from international sources) on forestry and logging impact on hydrological regime of rivers and catchment areas.**

- Analysis of the scientific literature. Preparation of the Analytical review on the long-term forestry and logging impact on the rivers and watersheds hydrological regime (during the year).

#### **5.2. To evaluate influence of logging regime on state of rivers and streams based on comparisons of rivers covered by monitoring.**

- A comparative assessment of the long-term logging impact on the intensity, volume, and duration of the spring flood, summer and winter low water, based on the analysis of the hydrological changes on the Upper Mezen (Makarib hydrological station) and Middle Mezen (Bolshaya Pyssa hydrological station) (*March – April 2015*).
- A comparative assessment of the long-term logging impact on the intensity, volume, and duration of the spring flood, summer and winter low water, based on the analysis of the hydrological changes on the Upper Vychegda (Puzla hydrological station) and Middle Vychegda (Storozhevsk hydrological station) (*November 2015*).
- A comparative assessment of the clear cutting impact on the condition of the small rivers biological resources by a bioindication method on the river Lower Puzla (low impact) and the river Kuzhim (high impact) in the Upper Mezen basin (June – August 2015).
- Selection, systematization, and analysis of the ERS materials for assessment of the accumulation and redistribution of sand and slit deposits in the Mezen river channel and floodplain for the period from 1975 to 2015. (*February - May 2015*).
- Local population interviewing in order to assess ecological characteristics fluctuations (including the ones of fish resources) of pilot rivers for the longest period possible (30-50-70 years).

#### **5.3. To evaluate influence of logging on state of small wetlands along streams and on flooded part of river valley.**

- Selection of the small watercourses with a different degree of watersheds disturbance by logging for a comparative assessment of the volume of soil organic and mineral parts export (*April – May 2015*).
- Organization and carrying out of the expedition works for assessment of the volume of soil organic and mineral parts export and changes in the channel and floodplain processes after logging on the watersheds of the small watercourses (*May-September 2015*).

### **Cooperating organizations (in alphabetic order):**

- Federal State Budgetary Institution “Komi Basin Fishery and Aquatic Biodiversity Preservation Administration (FSBI Komirybvod);
- Forest Committee of the Komi Republic (State forest administration);
- Institute of Biology of RAS in Komi;
- Institute of Economy of RAS in Komi;
- Meteorological center of Komi Republic;
- Ministry of Natural Resources of the Komi Republic;
- Non-profit partnership “Transparent World” in Moscow;
- Swedish University of Agricultural Sciences SLU, Department of Forest Resource Management, NILS program of landscape monitoring, Umea, Sweden;
- Syktyvkar State University;
- Tekhkarta – cartographic company – Syktyvkar.



## **6. Consultations and educational seminars (Yu. Pautov)**

### **Objectives:**

- 6.1. Forest stakeholders have access to the consultations on certification and sustainable forest management.
- 6.2. Forest stakeholders are getting new knowledge and experience, based on the organized educational seminars and demonstration routes in the Komi Model Forest.

### **Planned activities:**

- 6.1.1. Consultations on FSC certification and other issues related to the sustainable forest management for logging companies, Forest Service, and audit companies (on request).
- 6.2.1. Organization and holding of introduction courses for the students of the Syktyvkar Forest Institute (SFI) on the topic: "History of the forest use in the Komi Republic. Natural forest dynamics and biodiversity of the taiga forests" in the Komi Model Forest (on SFI request).
- 6.2.2. Organization and holding of a field seminar on natural forest dynamics and biological diversity of the taiga forests for the sustainable forest management and certification department of OJSC "Mondi Syktyvkar" in the Pechoro-Ilych Reserve (on request).
- 6.2.3. Organization and holding of a field seminar on forest use landscape planning with account of the FSC certification requirements for the specialists of the Forest Service of the Komi Republic in the Komi Model Forest (on request of the Forest Committee of the Komi Republic)
- 6.2.4. Other seminars on request.

### **Cooperating organizations (in alphabetic order):**

- Audit companies;
- Forest Committee of the Komi Republic;
- OJSC "Latvia's State Forests";
- OJSC "Mondi Syktyvkar";
- Syktyvkar State University;
- Syktyvkar Forest Institute.

**Supplementary activity** (in case additional financing is involved)

**7. Regional program of the Komi Model Forest development in the Komi Republic for 2013 – 2015.** (Yu. Pautov)

**Objectives:**

- 7.1. Economic justification of the forestry intensification.
- 7.2. Advanced professional training of the Komi Republic forestry specialists.
- 7.3. Participation of the local population in the sustainable forest management.

**Planned activities:**

- 7.1.1. Development of proposals on implementation of the economically viable scenarios of intensive forestry in the Komi Republic.
- 7.2.1. Organization of an educational course on sustainable forest management for the specialists of the Forest Committee and forestry units of the Komi Republic on the demonstration routes in the Komi Model Forest.
- 7.3.1. Support of the Public Forest Council activity in the Priluzje district.

**Cooperating organizations (in alphabetic order):**

- Branch of FSI “Centresproekt”;
- Forest Committee of the Komi Republic;
- Government of the Komi Republic;
- LLC “Lesnaya alternativa”;
- LLC “Priluzje forestry unit”;
- LLC “Tekhkarta”;
- OJSC “Luzales”;
- OJSC “Mondi Syktyvkar”;
- Priluzje forestry unit;
- Public Forest Council of the Priluzje district;
- Syktyvkar Forest Institute;
- Territorial information fund.

**8. Forest communities and natural resource management. Interaction of forest communities with big wood businesses (V. Semyashkina).**

**Objectives:**

- 8.1. Preserving the possibilities of traditional natural resources use by the local population in remote forest villages.
- 8.2. Development of a policy of forest business social responsibility in respect of the forest communities.
- 8.3. Development of Forest Dialogue as a form of democratic debates on natural resources management.

**Planned activity:**

- 8.1.1. Monitoring of social and economic impact of logging companies' activity in rural districts (jointly with public forest councils of Priluz'e, Udora and Kortkeros districts, representative offices of the Interregional Public Movement "Komi Voytyr" in forest districts).
- 8.2.1. Facilitating awareness of the local population and building up a dialogue (support of publication of the Forest Council newspaper in Priluzye district).
- 8.3.1. Establishment of a Forest Dialogue on the topic: "Problems in implementing an intensive forestry in the Komi Republic" (jointly with OJSC "Mondi Syktyvkar", WWF Russia, Forest Committee of the Komi Republic, Ministry of Industry of the Komi Republic, and other interested organizations).

**Cooperating organizations (in alphabetic order):**

- Administrations of "forestry" districts and rural settlements of the Komi Republic;
- Forest Committee of the Komi Republic;
- FSC Russia;
- Mondi Syktyvkar;
- Regional public movement "Native Women of Komi";
- Representative offices of the Interregional Public Movement "Komi Voytyr" (NGO) in forestry districts of the republic;
- WWF Russia.

## 9. Initiation of volunteer movement (A. Mikheeva)

### **Objectives:**

Volunteers' involvement into the Silver Taiga Foundation projects implementation, as well as dissemination of the information on the nature protection and social problems of sustainable development within the frameworks of the Foundation activity.

### **Planned activity:**

- 9.1. Attraction of the initiative and motivated people for extension of the volunteer movement (up to 10-15 people) - *April*.
- 9.2. Organization of the field seminar on the topic "History of the forest use in the Komi Republic. Natural dynamics and biodiversity of the taiga forest" for the volunteers in the Komi Model Forest - *August*.
- 9.3. Organization of the training course on the regularities of the pristine forests landscape-ecological dynamics on the demonstration routes in the Pechoro-Ilych reserve for the Silver Taiga Foundation employees and active foundation volunteers - *June*.
- 9.4. Support and popularization of the "Silver Taiga Foundation volunteers" group in the social network "Vkontakte" ([vk.com/silvertaiga](http://vk.com/silvertaiga)).
- 9.5. Support of the section devoted to the volunteers movement on the Foundation website [www.silvertaiga.ru](http://www.silvertaiga.ru).
- 9.6. Organization of the volunteers for the support in the implementation of the following objectives:
  - 9.6.1. Annual renewal of the educational routes in the Komi Model Forest.
  - 9.6.2. Preparation of the demonstration route infrastructure (arrangement of the field camp, selection and description of the demonstration points with key biotopes and habitats of the species listed in the Red Book, laying and marking of a route path) in the northern part of the designed Koygorodsky National Park.
  - 9.6.3. Selection, description, and arrangement of the new demonstration objects for the field educational courses on the forest use landscape planning in the Komi Model Forest (*May*).
  - 9.6.4. Preparation of a program and performances of the propaganda team "Green troops" in the rural settlements of the Udora and Leshukonsky districts (jointly with the Udora Central Library System) (*March – April*).
  - 9.6.5. Organization and holding of a republican conference-dialogue on the river resources management problems – in the Udora district. (Koslan) (*November*).
  - 9.6.6. A district conference of schoolchildren on the basis of the Vazhgort school. A school "River patrol" creation initiative (jointly with the Center of Protected Areas and district education department) (*March*).
  - 9.6.7. Support of the summer ecological and regional history-exploration expeditions of schoolchildren and river banks cleaning campaigns (jointly with the Children's art house of Usogorsk and rural schools) (*June-August*).
  - 9.6.8. Organization of a field educational seminar for the Udora district schoolchildren.
  - 9.6.9. Carrying out of the field expeditions, aimed at the monitoring of the salmon population reproductive part (upon the condition of participation in the seminar on salmon nests monitoring in September). *October*.
  - 9.6.10. A comparative assessment of the clear cutting impact on the condition of the small rivers biological resources by a bioindication method on the river Lower Puzla (low impact) and the river Kuzhim (high impact) in the Upper Mezen basin (*June – August*).
  - 9.6.11. Local population interviewing in order to assess ecological characteristics fluctuations (including the ones of fish resources) of pilot rivers for the longest period possible (30-50-70 years).
  - 9.6.12. Organization and holding of introduction courses for the students of the Syktyvkar Forest Institute (SFI) on the topic: "History of the forest use in the Komi Republic. Natural forest dynamics and biodiversity of the taiga forests" in the Komi Model Forest (on SFI request).
  - 9.6.13. Establishment of a Forest Dialogue on the topic: "Problems in implementing an intensive forestry in the Komi Republic" (jointly with OJSC "Mondi Syktyvkar", WWF Russia, Forest Committee of the Komi Republic, Ministry of Industry of the Komi Republic, and other interested organizations).
  - 9.6.14. Participation in the implementation of other objectives when required.

### **Cooperating organizations (in alphabetic order):**

- Pedagogical college;
- Syktyvkar State University;
- Syktyvkar Forest Institute.

**10. Support of FSC certification in Russia (Yu. Pautov)**

**Objectives:**

Dissemination of the Silver Taiga Foundation experience in the FSC certification development in the Komi Republic, ensuring the accessibility of this experience for FSC certification support in Russia.

**Planned activity:**

- 10.1. Governing of the FSC Russia Coordination Council's activities. (Yu. Pautov) - *throughout a year*.
- 10.2. Organization and holding of a remote General meeting of the FSC Russia members, preparation and presentation of a report on the activities of the FSC Russia Coordination Council for 2014. (Yu. Pautov) – *April 2015*.
- 10.3. Participation in the preparation and holding of the “Round table” on Motion 65 at the International environmental conference “Ecological-Economic Cooperation in the Barents Euro-Arctic Region - From Problems Towards Search of Joint Solutions. (Yu. Pautov) - *March 2015*.

**Cooperating organizations:**

- FSC Russia;
- OJSC “Mondi Syktyvkar”;
- WWF Russia.