



campaign: TRANSPORTATION

1970's POLLUTION



VEHICLES: TRANSIT

- '71 ● PERSPECTIVE report on congestion/ground space (46%) devoted to vehicles.
- '72 ● Opposes 3rd crossing of Burrard Inlet (21,000 name petition); improved transit, not more freeways.
- '73 ● Promotes transit corridor for RD Laing Bridge.
- '76 ● Asks Province to use gas tax to fund transit.
Sponsors Vancouver visit of Ralph Nadar.

BICYCLES

- '71 ● Opposes closing Lion's Gate Bridge to bicycles. Bike beats cars, bus, and runners in commuter race.

1990's SUSTAINABILITY



VEHICLES: TRANSIT

- '90 ● Organizes first car-free day ("leave car at home day").
- '97 ● June ("transit") Black killed by speeding car. June Black Fund – SPEC legacy gift.
- '98 ● Leads "Inquiry Coalition" opposing Sky Train exemption from public review. Province agrees.
- '99 ● Asks for injunction on causeway expansion in Stanley Park, based on transportation plan prioritizing pedestrians/bikes ahead of cars.

ARBUTUS CORRIDOR

- '91 ● SPEC person starts Maple Community Garden on Arbutus Corridor.

BICYCLES

- '92 ● SPEC, Bicycle People and two City councillors stage first "critical mass" bike ride.
- '93 ● SPEC bike survey urges city bike routes.
- '98 ● Distributes 5,000 SPEC bookmarks (through Duthies) for Bike-to-Work-Week.

2000's CLIMATE CHANGE ADAPTATION & RESILIENCE



VEHICLES: TRANSIT

- '01 ● Requests review of Millennium Line in light of bus cuts.
Opposes (again) 3rd crossing (tunnel) of Burrard Inlet.
Holds Forum on pedestrian safety. Report to City Council and VSB.
4 month transit strike. SPEC/BEST demonstrate at City Hall for adoption of mediator proposed solution. Organizes meeting of 40 business owners/distributes 100,000 leaflets. TransLink adopts report.
- '03 ● Supports "sustainable transportation" in GVRD and participates in regional planning meetings.
Forms Transportation Committee – respond to key transportation issues. Detailed submission to TransLink re: increasing bus service, improving cycling infrastructure and using existing rail corridors.
Urges City Council to expand downtown streetcar system, link False Creek and Marpole via Arbutus Corridor.
- '03-'04 ● Forms Livable Region Coalition (LRC-69 groups) supporting GVRD's Livable Region Strategic Plan and opposing Highway 1 expansion ("Gateway Project").
- '04 ● Asks for environmental assessment of RAV (Canada Line).
- '05 ● Leads LRC public education campaign re: effects of \$3.8 Billion Gateway Project. Advocates accelerating TransLink's 10-year plan. Hires LRC campaigner.
- '06 ● Charts/manages LRC campaign "Better Transit, Not Freeways" (thousands support, many "south of Fraser").
Identify strategic investments to remove vehicles and enhance transit to relieve traffic congestion.
- '07 ● Launches "Transit Lab" – free pancake breakfast at Broadway Station re: elements of successful transit.
- '08 ● Asks Province to reconcile \$3/9 Billion freeway expansion with "green plans." Exposes inaccurate reports, documents miscalculations, promotes cost-effective solutions (buses, LRT). FOI reveals regulators' concerns re: Gateway.
Surrey residents join LRC to protest highway expansion. Province forges ahead with expansion plans. Calls for re-examination of Gateway.
- '09 ● Province to fund 100% of Gateway, moving beyond policy reversal. SPEC remains committed to sustainable transportation but withdraws from the field. "It was an amazing campaign that produced incisive reports, educated the public, forged new partnerships and translated it all into action" ('09 Annual Report).
- '10 to Present ● Keeps public informed on transportation initiatives, including proposed UBC rapid transit line.

ARBUTUS CORRIDOR

- '00 ● Organizes nearby schools/gardeners to demand CPR stop spraying of Round Up on tracks.
- '01 ● Last CPR train. Advocates continued zoning for transportation. Campaigns to inform/solicit public input.
- '04-'05 ● Arbutus Corridor Design Contest elicits public input. 75 entries, professionally judged, displayed March '05 at the Emily Carr Institute. Awards at Public event.
- '05 ● Organizes Arbutus Corridor Cleanup Committee. CPR declines to clean up tracks. Volunteers remove 4 tonnes of trash in Kerrisdale. Supports other clean ups along tracks.
- '08 ● Attends CPR workshops to solicit public vision for corridor. Participants want commuter train, gardens, walking trails, and possible housing.
- '15 ● Protests CPR removal of gardens along corridor.

BICYCLES

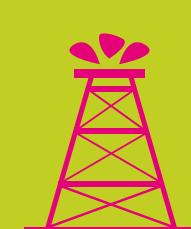
- '04 ● After decade long campaign, City dedicates two bike lanes on Burrard Bridge.
- '10 ● City announces \$25 million for bike infrastructure. Separated bike lanes on Dunsmuir viaduct triples bike usage. City opens Hornby bike lane.

SPEC through the ages



campaign: ENERGY

1970's POLLUTION



OFF SHORE OIL DRILLING/TRANSPORT, PIPELINES, DAMS

- '69 ● AGM – off-shore oil drilling one of five key campaigns.
- '70 ● Recommends foreign tankers meet Canadian standards.
Gwen Mallard (53) and Alice Coppard (64) hitch-hike to Ottawa with 63,000 signatures.
- '71 ● Province asks Feds to persuade US to stop oil tankers in Strait of Juan de Fuca.
- '72 ● Oil tanker spills 2,000 gallons befouling Crescent Beach. SPEC organizes clean up and rally/protest at Peace Arch.
- '73 ● Brief on oil spills to BC legislature.
- '73-'76 ● Opposes (Gallon) MacKenzie Valley Pipeline. Intervenes at Berger Commission. Argues for intervener funding. Sets precedent.
- '76 ● Intervener at hearings on Revelstoke Dam – challenges exports, coal burning and plans for Peace River Sites C and E.
- '77 ● Organizes 19 groups (75,000) into Kitimat Oil Coalition.
Present at legislative hearings on Revelstoke Dam. "David and Goliath epic with tiny SPEC taking on massive BC Hydro."
Berger Commission recommends moratorium on Arctic Pipeline.
- '78 ● Publishes Energy and Us Handbook. Energy Awareness Education Program.
Oil Tanker Inquiry rejects Kitimat oil port. SPEC at NEB hearings and meet with Federal Environment Minister. Kitimat oil port nixed.
Intervener in NEB decision to expand natural gas exports.
- '79 ● Opposes Dome Petroleum plan for Britannia Beach tanker port in Howe Sound.



RENEWABLES & CONSERVATION

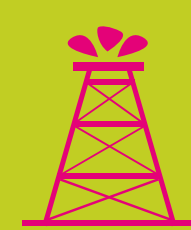
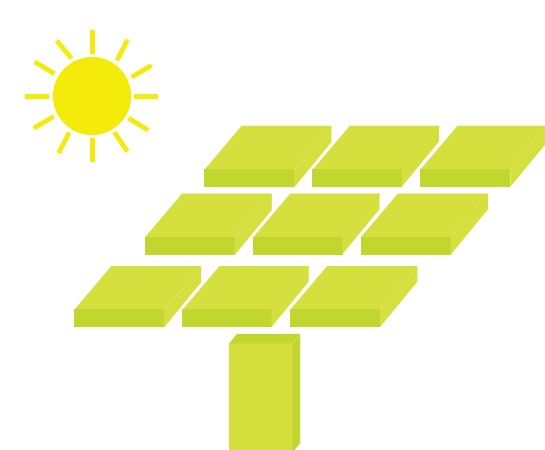
- '70s-'90s ● SPEC advocates and demonstrates conservation and renewable energy sources.
- '70 ● Ecology Caravan – 10 week caravan, 2,700 miles, camping/doing public education – slideshows, theatre pieces, fact sheets, etc.
- '77 ● Energy conservation Public Education Program.



NUCLEAR ENERGY/WEAPONS

- '69 ● Demonstrates against US nuclear bomb tests in Alaska (Amchitka Island).
- '70 ● Joins activists headed to Alaska in fishing boat renamed "Green Peace."
- '71 ● Participates in nuclear hearings in Alaska.
- '72 ● Protest French nuclear tests at Moruroa Atoll in South Pacific.
- '75 ● Joins Canadian Coalition on Nuclear Responsibility. Anti-nuclear information kits for schools.
- '76 ● Produces "Danger Radiation" Booklet.
Hosts Margaret Mead (opposes nuclear energy) 40 activists carry a 550' black plastic Trident sub.
SPEC's d'Easum and Coppard get 20,000 names on anti-nuclear power petition and call for inquiry.
Nanose Conversion Campaign – nuclear free Georgia Strait – oppose US torpedo testing at Nanose Bay.
- '79 ● SPEC's David Garrick gets 45 days in jail for protesting Trident nuclear subs at Bangor WA.
Forms Alliance Against Uranium Mining with Greenpeace, Sierra Club, BC Naturalists. Presents briefs at Inquiry hearings.

1980's CONSERVATION



OFF SHORE OIL DRILLING/TRANSPORT, PIPELINES, DAMS

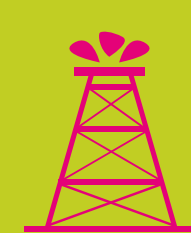
- '81 ● Co-sponsors Open Conference on BC Environment (Site C, Trident subs, Nanose Bay, off shore oil).
- '82 ● Research shows Site C dam not needed. ED Stainsby leaves – full time on Site C.
Nanaimo SPEC intervenes at Quinsam Coal Mine hearings.



RENEWABLES & CONSERVATION

- '80 ● Negotiates with City/Province/Federal Govt re: SPEC Energy Demonstration Centre (2150 Maple St). State-of-the-art energy features. One of five proposed, only two built.
- '81 ● SPEC house at 2150 Maple opened by Mayor Harcourt (Aug 29)

1990's SUSTAINABILITY



OFF SHORE OIL DRILLING/TRANSPORT, PIPELINES, DAMS

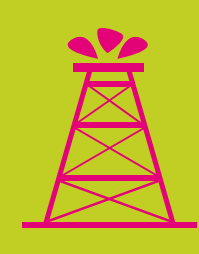
- '98 ● Opposes Energy Minister's plans to drill for oil off North Shore.



NUCLEAR ENERGY/WEAPONS

- '94 ● Asks Province to review risks of nuclear subs so close to population.
- '97 ● Demand for review of nuclear subs repeated.
Sues Fed Environment Minister for exempting US nuclear warships from Canadian environment regulations.

2000's CLIMATE CHANGE ADAPTATION & RESILIENCE



OFF SHORE OIL DRILLING/TRANSPORT, PIPELINES, DAMS

- '00 ● Opposes SUMAS 2 power plant with Abbotsford/others. Presents to NEB, WA State agency and Federal Minister. Organizes media events.
- '01 ● Helps form 90 member Oil Free Coast Alliance moratorium on off-shore oil exploration (SPEC 30+ year battle).
Opposes Georgia Strait Crossing (GSX) submarine natural gas pipeline for three new gas power plants on Vancouver Island. Argues for conservation/alternatives.
- '02 ● WA agency rejects Sumas 2 plans but new appointees reverse decision.
SPEC, DSF, SLDF prepare formal submissions to NEB hearings re: GSX.
- '03 ● NEB denies transmission line to Sumas 2. Says, "can't leave protection of Canadian environment to US regulator." Record number of interveners at NEB hearings.
Nanaimo SPEC opposes Duke Point power plant. Abbey unearths '94 Hydro study – 50% waste of electricity generation. Province agrees to BCUC review.
Intervenes in BCUC hearings re: Duke Point. BCUC rejects Duke Point, citing failure to prove need.
Co-hosts The Party's Over, panel discussion on oil, war and the fate of industrial societies.
- '05 ● GSX laid to rest. Rematerializes as a private venture supported by BC Hydro.



RENEWABLES & CONSERVATION


- '03 ● Receives grant (Vancouver Foundation) to upgrade building.
- '04-'08 ● Upgrades solar capacity/tracks energy conservation to reduce energy footprint.
 - Solar photovoltaic panels supply ½ our electricity. Excess into BC Hydro grid. Live link to public.
 - Consults with CoV re: wind energy potential of SPEC building.
 - Solar space heater (ducts air through panel that collects sun's heat).
 - Change light fixtures to fluorescents and LEDs.
 - Energy audit reveals need for new furnace.
- '05 ● Founding partner – Canada's Sustainability Centres Network. Enhance advocacy for renewables
Hosts first Solar Festival.
- '06 ● Multiple tours showcase conservation and solar options. Photovoltaic panels perform at maximum rating.
- '07 ● SPEC educates public/builders/architects/ re: conservation and solar technology.
SPEC at EPIC trade show and MacMillan Space Centre's Sustainability Week – teach kids to build solar cooker.
- '08 ● Hosts 10 Energy Conservation and Renewable Energy Solar Tours.
Reviews nuclear power – finds no justification even as "bridging fuel."
- '10 ● Updates householders on incentives to retrofitting buildings for efficiency.
Participates in BC's first annual Solar Day celebration.
Promotes carbon neutral public sector, supports BC's Greenhouse Gas Reduction Targets.
- '11 ● SPEC leaves home of 30 years. Energy Committee looks for new home for solar technology.
- '12 ● Energy Committee workshops: Solar Greenhouses Designs, Energy Efficiency for Renters.
- '13 ● Energy workshops: Solar Greenhouse/Energy Efficiency for Renters.
- '14 ● Launches Zero Fossil Fuels Campaign.
Installs solar panels on MEC rooftop and launches Go Solar Tours.
- '15 ● Second season of Go Solar Tours.



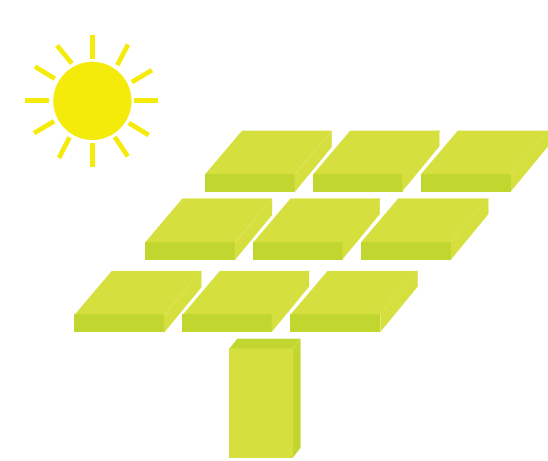
campaign: WATER QUALITY

1970's POLLUTION



- '69 ●  FRASER RIVER/BURRARD INLET/WATERSHED-DRINKING WATER/OTHER
Campaign re: strip mining pollution in Mica Lake and effluent of Burrard Thermal into Burrard Inlet. SPEC and Pollution Probe get \$39,000 to study Fraser River.
- '70 ● Confront BC Premier with gift wrapped bottle of pulp mill effluent, "don't beat BC to a pulp."
Brief to Provincial Forestry Inquiry re: regulation clear-cutting and pulp effluent.
Fraser River Report re: secondary sewage treatment plant on Annacis Island (2014 - Metro/GVRD pleads guilty to dumping raw sewage into Burrard Inlet).
Excluded from BC Pollution Board Hearings on Utah Mines tailings in Rupert inlet. Protest forces precedent setting environmental assessment.
Nanaimo SPEC stops Hooker Chemical from dumping toxics into Northumberland Strait.
Nanaimo SPEC stops Nanaimo Estuary dredging.
Report on sewage plan for Ganges Harbour.
- '74 ● Challenges MLA Mussallem to drink Fraser water despite Health Department warnings and presents him with silver goblet for "deep service... in outlandish claim that Fraser not polluted."
Receives LIP (Local Initiatives Project) grant for Fraser River Project.
Supports removal of fluoride from drinking water in Kitimat.
- '76 ● Six month program on urban sprawl onto Fraser River Delta. Slide show on Fraser pollution for VPL, GVRD and local councils.
Takes slide show to SOCREDS, asks for moratorium on channeling/filling/building on Fraser flood plain (has consumed 70% of salt marsh). SOCREDS - no grant to finish Fraser study.
- '77 ● Opposes fluoridation of Vancouver drinking water.
Blows whistle on Greenwood Forest Products chemical leak into Okanagan River.
- '78 ● Calls for review on impacts of expanded Roberts Bank Superport (Tsawwassen). No review held.

1980's CONSERVATION



- '80 ● Calls for inquiry re: GVRD exemption on pollution charges at Iona Sewage plant.
- '81 ● Pollution tour of Fraser with Environment Critics.
Denounces Minister Rogers' plans to develop Fraser as "devoid of integrity."
- '83 ● Blasts GVRD dumping raw sewage into Fraser.
- '85 ● Protests GVRD permit to dump 600 M litres of raw sewage into English Bay. Calls for secondary sewage treatment at Annacis plant.
- '86 ● Blows whistle on midnight chemical dumping in Fraser River by lumber/paper companies.
SPEC, GVRD and Port Moody Council appeal Burrard Thermal permit.
- '87 ● Launches Water for Tomorrow campaign.
- '88 ● Protests Clarke Drive outfall pouring sewage into Vancouver Harbour.
- '89 ● SPEC's Paulik receives Canadian Volunteer Award of Merit.

1990's SUSTAINABILITY



- '91 ● SPEC's Paulik presented with City of Richmond Award by Mayor.
Reveals GVRD conflict of interest in watershed logging report. Asks for moratorium. Labour's Jack Monro slams "those goddamned environmentalists like SPEC."
- '92 ● Joins Sierra Club, WCWC and Valhalla Wilderness Soc. to protest GVRD logging watershed.
Calls (Paulik) Govt report on lower mainland environment "a lot of fancy words but not much action."
Paulik awarded Governor-General's Commemoratives Medal.
Opposes Cypress Bowl plans to log old-growth cedars for new ski runs.
- '94 ● Calls for action on disappearing salmon stocks.
- '97 ● Presents at GVRD meeting on watershed logging, organizes 700 labour and NGO groups to pressure local mayors, and meets with Provincial Health Officer.
Challenges assertion that sewage in False Creek is "hippy boaters" fault.
- '98 ● Longshore Union backs SPEC call for no watershed logging.
North Vancouver Council asks GVRD to stop watershed logging.
UBC's Feller debunks watershed fire myth.
- '99 ● GVRD stops watershed logging. SPEC monitors management plan.

2000's CLIMATE CHANGE ADAPTATION & RESILIENCE



- '00-'01 ● Consults/advocates re: watershed protection in other regions of the Province.
- '01 ● Advocates provincial drinking water protection act.
Joins opposition to privatizing Seymour/Capilano filtration plant. Demands drinking water quality be under public control. GVRD decides against privatization.
SPEC/DSF/SLDF submission to GVRD re: failure to meet Fisheries laws in Liquid Waste Management Plan.
Releases poll - 70% of GVRD residents would pay up to \$150/year to upgrade sewage system.
Urges BCWLA to withhold approval of draft LWMP until it meets standards. SLDF releases data that "raw sewage acutely toxic to fish and aquatic life." Province approves GVRD's plan.
Works with communities on Sunshine Coast, East Kootenays and First Nations on watershed protection. Comprehensive case study on Arrow Creek
- '02 ● Calls for a halt to logging, mining, grazing, industrial activities in drinking water watersheds.
Calls for dedicated drinking watershed reserves and single regulatory agency.
SPEC, First Nations, WCWC, and Kootenay group joint submission at Vancouver hearings on draft DWPA (Drinking Water Protection Act).
Creates "water alert" webpage/press release during 16 day 'boil water advisory' in Vancouver.
Challenges provision of Drinking Water Protection Act allowing cabinet (not health authorities) to make decisions re: disputes.
Co-sponsors numerous public meetings/workshops on community watershed protection.
Creates web-based Community Drinking Water Atlas (interactive research tool).
- '03 ● Releases "A Review of Burrard Inlet Effluent Discharges" (reviews permits, assess effluent levels and effectiveness of legislation). Also challenges lack of precise data for decisions.
- '13-'14 ● Hosts a number of beach clean ups in English Bay, Kits Beach and Jericho Beach to raise awareness about plastic and other pollution in our oceans and coastal waters.



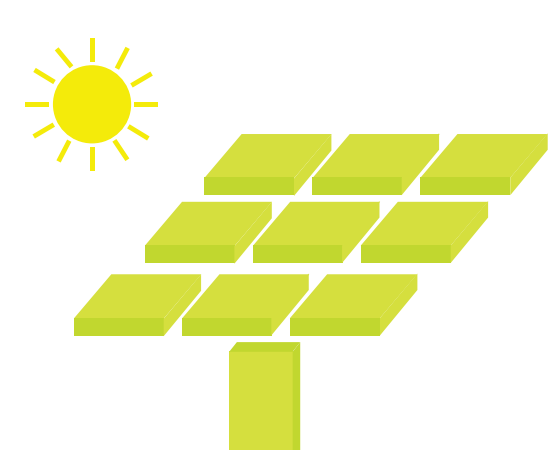
campaign: AIR QUALITY

1970's POLLUTION



- '70 ● At founding, a key concern was vehicle pollution and need for transit (Transportation), oil spills/pipelines, etc. (Energy), dumping of pollutants on land (Land Use). Other aspects of pollution, noise and air covered here.

1980's CONSERVATION



- '80 ● Launches Clean Air Campaign (Pamela Graham for nearly 20 years is SPEC's Air Quality Queen).
- '83 ● Presents brief on air pollution to Vancouver Council.
Brief to BC Medical association.
- '84 ● Brief to Fraser Valley municipalities.
- '86 ● Graham gets Canadian Meteorological Society award for air pollution work.
- '87 ● Intervenes at Environmental Protection Act hearings.
- '88 ● Opposes exemption of pollution regs for Port Mellon pulp mill.
Graham elected to SPEC Board and joins GVRD Air Management Plan committee.
- '89 ● Meets with BC Hydro officials re: Burrard Thermal Emissions.
Intervenes at National Energy Board hearings.
Urges public to report tailpipe polluters. SPEC demands auto emissions testing stations for Lower Mainland.

1990's SUSTAINABILITY



- '92 ● Intervener-BC Utilities Commission hearings on Burrard Thermal plan to export energy.
- '93 ● Presents air pollution slide show at GVRD conference.
- '94 ● Speaks at UBC colloquium on Lower Mainland air quality.
- '95 ● Asks Vancouver Health Officer to take action on environmental illnesses. He says "provincial responsibility."
Vancouver Sun publishes Graham's article on air pollution.
- '96 ● Asks BC Health Minister for action on environmental illnesses. He says "municipal responsibility."
Appears on BCTV feature on environmental illness.
Receives award from Environment Minister "raising awareness of air quality issues in the Lower Mainland."
Meets with BC Health Minister on environmental illness.
Again asks Vancouver Health Officer about environmental illness.
- '97 ● Asks new Health Minister about environmental illness. She says "municipal responsibility."
Asks federal Health Minister to deal with environmental illness. He says "provincial responsibility."
- '98 ● Alberta Court landmark ruling legitimizes environmental illness claim.
Informs Minister Rock of Alberta Court decision. Rock does not reply.

2000's CLIMATE CHANGE ADAPTATION & RESILIENCE



- '00 ● Opposes SUMAS 2 power plant with Abbotsford/others. Presents to NEB and WA State agency and Federal Minister. Organizes media events.
- '02 ● WA agency rejects Sumas 2 plans but new appointees reverse decision.
- '03 ● NEB denies transmission line to Sumas 2. Says, "can't leave protection of Canadian environment to US regulator." Record number of interveners at NEB hearings.



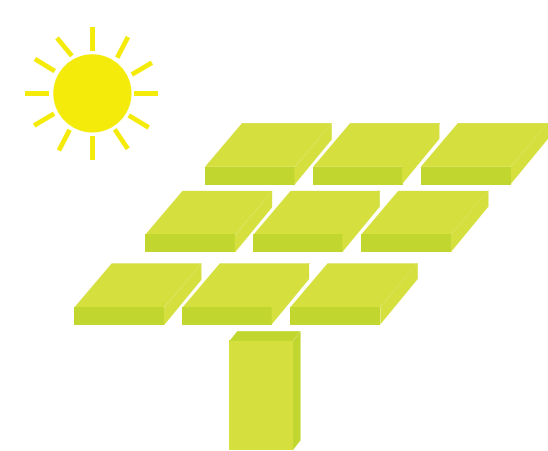
campaign: LAND USE

1970's POLLUTION



- '70 ●  FORESTS/URBAN DEVELOPMENT/AGRICULTURE LAND RESERVE (ALR)/SOILS & FOOD
 - Proclamation (17th Costumes) against MacMillan Bloedel. Poster depicts Mac Blo as Tyrannosaurus Rex-King of Polluters (controversial within SPEC).
Brief to Provincial Forestry Inquiry re: clear-cutting/pulp mill effluent.
- '71 ● Joins opposition to flooding Skagit Valley WA for power to Seattle.
- '72 ● Urges park status for UEL.
- '73 ● Helps draft ALR legislation.
Opposes development of Spetiford Lands in Richmond.
Asks Premier to stop flooding Skagit Valley. Plan eventually abandoned.
- '75 ● Helps plan UN Habitat Conference in Vancouver.
- '76 ● Smither's SPEC authors "Forests in Crisis."
Protests ALR changes – mock burial at legislature.
- '77 ● Protests logging in Stein Valley.
- '78 ● ALC commissioner tells SPEC "vigilance needed to protect BC farmland."
- '79 ● Protests exemption from environmental review of Cheekeye Dunsmuir transmission line.
Demands disclosure of ALR decisions.

1980's CONSERVATION



- '80s ● Ongoing campaigns from the '70s.

1990's SUSTAINABILITY



- '91 ● Urges park status for Sechelt's Caren Range.
- '92 ● Opposes plan to log old-growth cedars for new ski runs on Cypress Bowl.
- '97 ● Urges urban ecology plan for Southeast False Creek.



2000's CLIMATE CHANGE ADAPTATION & RESILIENCE



- '01 ● Co-sponsors Food Fight, a GMO awareness night.
Opposes entry of WalMart in Vancouver. Helps collect 10,000 name petition.
- '03 ● Joins Eburne Lands Coordinating Group – waterfront greenspace/fish habitat protection.
Envisions Arbutus Corridor for streetcar transportation, cycling, pedestrians and gardens.
Supports development of new Community Flower Garden in Stanley Park.
- '04 ● Advocates for riverfront park for Marpole on the Eburne lands.
Submissions to the BC Environmental Assessment Office on the Ashcroft Landfill project.
Worked on sustainability models and standards for SE False Creek development.
- '04-'05 ● Arbutus Corridor Design Contest – 75 submissions/professionally judged/displayed at Emily Carr.
- '05 ● Urges new city council to keep social housing element of plans for SE False Creek.
Joins coalition ALR-PEC (Agriculture Land Reserve Protection and Enhancement Committee) – advocates for sustainable food supply.
- '06 ● Creates SPEC Food Safety and Security Committee – support local/urban agriculture and sustainable food system. Starts roof-top container garden.
Food Committee (FC) starts children's demonstration garden at 12th Ave and Cambie Street.
Works with UBC urban geography class to evaluate/advocate city policy on community gardens.
Develops education materials on organic/sustainable gardening.
Brief to ALC re: removal of Barnston Island from ALR. Celebrates Barnston Island remaining in ALR.
Food Committee takes over Pesticides file.
- '07 ● Focus on farmland protection/promoting urban agriculture/adaptation to climate change. Urge heritage seeds for biodiversity.
Food Committee starts School Garden Project.
Distributes brochures on Safe Disposal of Pesticides.
Initiates research on fertilizers/soils for container gardening.
- '08 ● Partners with BCGEU to poll municipal candidates (provincially) on food security.
Urges Food Security policy at all levels of government.
Safe Disposal of Pesticides project rolled out in 25 stores/several conferences.
\$30,000 grant (Vancouver Foundation) to pilot School Garden Project.
Public/school tours of Roof Top Container Garden. Major roof deck repairs.
Recycle salvaged decking to build/renew beds Cambie Street Garden.
SPEC/UBC Geography students produce Handbook for Community Gardeners.
Offers workshops on: Container/Organic /Square Foot Gardening.
- '09 ● Restructure/renew soil/rename Cambie Street Demonstration Garden. 25 gardeners (1/3 children) worked 500 hours growing 50+ crops.
Continues roof-top research. Workshops series "Growing Our City" added Food Preservation.
Workshop series for False Creek Community Centre on sustainable living.
- '10 ● School Garden Project (3rd year) now in six schools, partners with Tupper Woodworking to build garden boxes (becomes standard for VSB). Rapid growth within schools as other classes want gardens. Extend to winter crops. Invite other schools to Rooftop Container Garden.
Extends workshops: Birds, Bees and Biodiversity, Waterwise and Succession Gardening, Agriculture and Climate Change. Winter Container Gardening, Soil and Plant Health.
Community Partner in UBC-CURA grant to inform/support healthy food habits in school. Taught 3 classes in UBC Land and Food Faculty.
Perspective on adapting to longer draughts in the local climate.
New signage and mason bee box for Cambie Garden.
New City By-Law allows chickens. SPEC's Vicky Baker and Caitlin Dorward teach workshops on chicken keeping.
- '11 ● With closure of SPEC building, roof-top garden moves to YWCA roof-top – collaborated in harvesting 1,540 pounds of produce for Women's Shelter. Offered workshops from "Y" garden.
Partnered with Kits Neighbourhood House to sponsor Westside Pocket Market. 400 shoppers/week.
Non-profit partner at Whole Foods "Living Naturally Fair."
- '12 ● Started Urban Farmer Field School (UFFS) workshop series – best practices in urban agriculture. Staff funded by Pacific Institute for Climate Solutions (PICS).
School Gardens Project –1200 school children in 7 schools with 25+ fruit, herbs and vegetables.
Cambie Square Communal Garden –13 volunteers, 200+ hours, engaging 27 children, growing 34 types of fruit, herbs and vegetables.
28 blog posts – 2,000 readers since 2010.
SPEC/KNH Westside Community Market – \$15k sales, 16 vendors, 13 weekly markets, 200 volunteer hours.
Takes over managing YWCA Rooftop Garden. Harvest 1600 lbs. Deliver by electric cargo bike.
UFFS –16 classes (April to September); 120 participants.
- '13 ● New consulting service to schools/institutions on developing/improving urban food gardens.
Food waste research project and recommendations to city.
UFFS offers 23 classes.
- '14 ● Develops Green Thumbs at School lesson toolkit for schools; UFFS offers 23 classes, Westside Community Food Market generates 20k in revenue for vendors.
- '15 ● School Gardens Program incorporates 9th school.



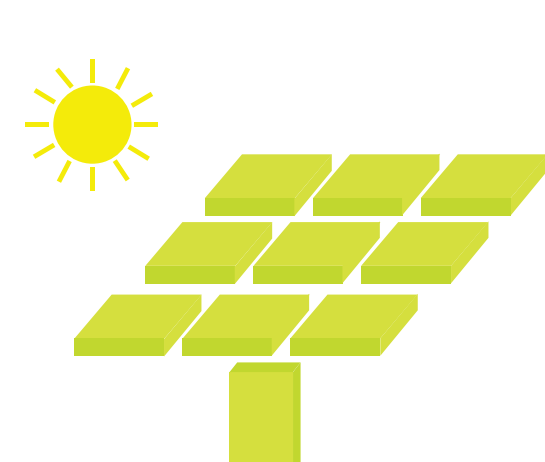
campaign: PESTICIDES & HERBICIDES

1970's POLLUTION



- '70 ● BC Hydro CEO drinks a glass of 2,4,5,T on TV to demonstrate safety. Calls SPEC "Society Promoting Environmental Crap."
Delta SPEC activist chains himself to BC Hydro building to protest pesticides.
Squamish bans pesticides. A First!
SPEC's Gwen Mallard and others hand clear 1/2 acre of right-of-way to demonstrate alternative to herbicides.
- '72 ● Advocates ban on Agent Orange.
SPEC 'flying squads' (human chains) protest spraying of 2,4,5,T along US/Canada border. Borden Commission stops spraying in September.
- '74 ● BC Hydro stops spraying 2,4,5,T.
- '77 ● Kelowna SPEC demands end to 2,4,D spraying at Vernon schools.
- '78 ● Report on phenoxy herbicides airs on CBC TV's Fifth Estate.

1980's CONSERVATION



- '82 ● Kelowna SPEC asks Province to stop 2,4,D spraying of milfoil.
- '88 ● Calls for end of dioxin pollution from pulp mills and compensation for fish closures.

1990's SUSTAINABILITY



- '91 ● Park Board stops herbicide spraying after SPEC stages sit-in with local residents.
- '92 ● SPEC wants study of Biological pesticide, Bacillus Thuringiensis (Bt) before aerial spraying of gypsy moths in Vancouver. April - opposes gypsy moth spraying.
- '98 ● Urges Health Minister to stop Chlorophenoxy spraying in Vancouver schools.
SPEC, BCEN, VLP, and Van City sponsor Toxics series.

2000's CLIMATE CHANGE ADAPTATION & RESILIENCE



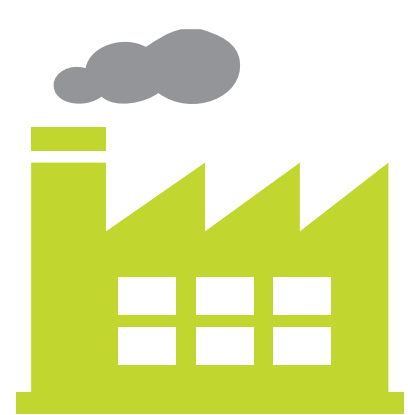
- '01 ● Comments on Supreme Court ruling in favour of Hudson, Quebec's limit on pesticides.
- '02 ● SPEC and Basel Action Network (BAN) oppose dumping "e-waste" in developing countries. Press conference display featured on CBC's Marketplace. Urge Canada to ratify international accord.
- '02-'03 ● Appeals Provincial MWLA permit to CNR to spray roundup, arsenal, telar and other herbicides along rail lines in Lower Mainland (450 hectares of land affected). Cites environmental harm of herbicides.
- '03 ● Hires researcher to document spraying of herbicides along railroads in the Lower Mainland. Appeal CNR permit to spray rail lines (Environmental Appeal Board - EAB).
Receives grant for Real Environmental Alternatives to Pesticides (REAP) - community education and outreach project. Translate into Chinese and launch online Pesticides Information Centre.
- '04 ● Joins concerned citizens to petition to restrict cosmetic pesticides.
- '05 ● Leads movement to ban cosmetic pesticides by municipalities. SPEC poll shows 80% of GVRD residents support bans. Developed educational workshops on safe disposal & alternatives.
Vancouver joins West Vancouver, Port Moody and New Westminster in restricting pesticides. North Vancouver considers similar by-law.
- '06 ● Pesticide file taken on by SPEC Food/Land Use Committee.

SPEC *through the ages*



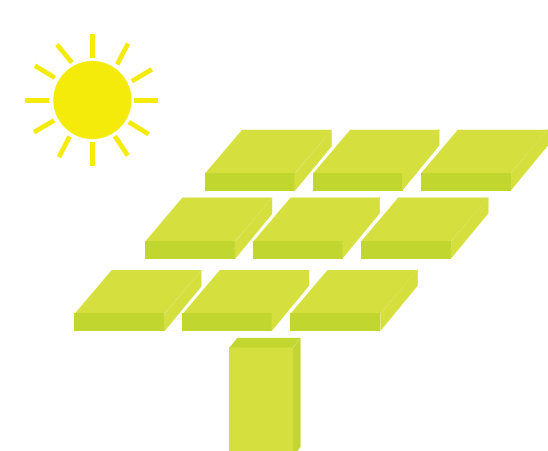
campaign: WASTE & RECYCLING

1970's POLLUTION



- '71 ● Three SPEC branches start 21 recycling depots (paper/aluminum/glass). Curb Side Pick-up. Lake Cowichan SPEC recommends deposit legislation for drink containers.
- '72 ● Opens first recycling centre in West Vancouver.
- '74 ● SPEC/BC Recycling depots form Recycling Council of BC. NDP (Steeves) introduces Recycling Bill. Vancouver takes over SPEC Granville Island recycling depot (25 tonnes/month).
- '78 ● Calls for recycling legislation vs voluntary industry program.

1980's CONSERVATION



- '83 ● Recycling Hot line set up.
- '89 ● SPEC ED resigns to become Recycling Coordinator for CRD. Presents 'Environmental Initiative Award' to diaper/paper companies for recycling paper.

1990's SUSTAINABILITY



- '98 ● Critical of exemption of Sun-Rype's tetrapak boxes from deposit regulations. Sun-Rype threatens to sue. SPEC ignores and urges boycott.

2000's CLIMATE CHANGE ADAPTATION & RESILIENCE



- '02 ● Recycles plastic election signs.
- '03 ● Sets up SPEC Battery Collection Depot with public display. Promotes Canada-wide producer responsibility. Presentations to schools on battery recycling.
- '07 ● Advocates with city and province for battery recycling program(s). SPEC collects/recycles hundreds of kg/year, charging only our costs. Planning satellite depots in retail facilities.
- '08 ● Asks municipal candidates if they would act on battery recycling and publicized responses. Speaks out about the continued use of mercury in fluorescent lightbulbs.
- '09 ● Updates battery display with a battery quiz and a memory game. Plans educational battery animation on safe disposal.
- '10 ● Metro Board approves new Integrated Solid Waste and Resource Management Plan to divert 70% of garbage by 2015 and 80% diversion by 2020. Controversial waste-to-energy facilities. Province approves Call2Recycle® for provincial battery recycling. SPEC continue battery depot and public education ("Battery Talk").
- '11 ● Forms Waste Committee - educate/practical programs to reduce waste. Partner with local café on waste reduction. Partner with RCBC re: mobile app "Recyclepedia." Going Zero Waste workshops.
- '12 ● Waste Committee: managing personal waste. Media/social media promotion of Recyclepedia Smartphone App. Volunteer Zero Waste Crew: Whole Foods Living Naturally Fair, EPIC The Sustainable Living Expo, Make Music Vancouver, LuluLemon SeaWheeze half-marathon.
- '13 ● New workshops for community centres on waste reduction/diversion.
- '13-'14 ● Launches pilot program Green 2 Go, working with restaurants and the public to reduce take-out food container waste.
- '15 ● Launches Zero Waste School.



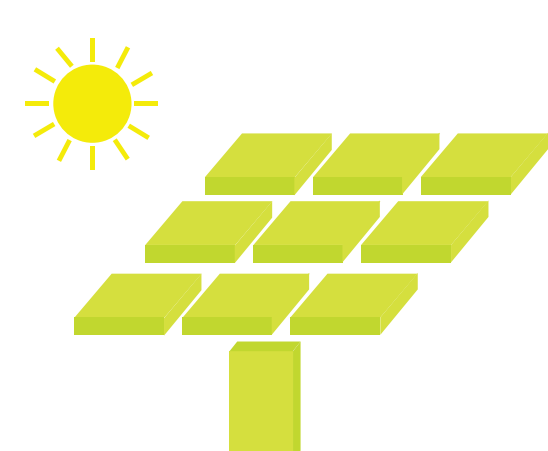
campaign: CLIMATE CHANGE / CRISIS

1970's POLLUTION



'70s ● Developing background theme

1980's CONSERVATION



'80s ● Developing background theme

1990's SUSTAINABILITY



'98 ● Hosts "Winds of Change" climate change conference with MIA Joan Sawicki, MP Libby Davies, Councillor Gordon Price, researcher Todd Littman, Labour, First Nations and NGOs. Produces 11 point Action Plan.
SPEC/DFS critical of Province for inaction on Climate Change and exemptions on Environmental Reviews.

2000's CLIMATE CHANGE ADAPTATION & RESILIENCE



'03 ● Joins CoV's Cool Vancouver – Task Force on Climate Change: aims to reduce the City's GHG emissions by 20% (below 1990 levels) by 2010. SPEC to focus on helping residents take concrete/measurable steps through affordable, easy-to-implement, energy conservation measures.

Implements energy audit of SPEC building and upgrades rooftop solar hot water panels.

'04 ● Critically reviews BC's climate change plan "Weather, Climate and the Future."

Creates extensive new web resource materials to coincide with Kyoto Convention ('05).

'03-'09 ● Upgrades SPEC building: photovoltaic solar panels, passive solar heater, switching to fluorescent/LED lights, other modifications to improve/demonstrate energy efficiency.

'05 ● Founding member of Canadian Sustainability Centres network – teach, demonstrate, advocate policy and individual changes for sustainable future.

'05-'07 ● Re-focus projects/core mission around Sustainability Centre and curbing climate change. Work to influence policy and public action around "Big Three" contributors to climate change: Transportation, Energy, Food System.

'06 ● Inaugurates Food Safety & Security Committee – mission is to educate/advocate for sustainable food to mitigate climate change. Follow the progression of work under Food Committee.

'08 to present ● "Adaptation and resilience strategies" – addresses knowledge needs to cope/build resiliency into living systems to deal with impacts of climate change. Respond to "work silos," by more committee integration/collaboration.

'14 ● Zero Fossil Fuels Campaign Launch.

'15 ● Launches Climate Change workshops for secondary schools.

PUBLIC EDUCATION

Over the decades, SPEC has developed and hosted a number of public education events, starting with the Ecology Caravan in 1970, a ten week, 2,700 mile expedition around the Province.

Other examples include a slide show on Fraser River Pollution ('76), an Energy Conservation Program ('77), providing media reports on multiple subjects, publishing the results of polling political candidates on key topics, sponsoring environmental films, book tours, and comprehensive conferences on the state of BC environment and hosting and participating in multiple community events engaging the public on topics such as food security, zero waste, clean energy, sustainable transportation and protection of green and blue spaces. Most of these are covered under the campaign areas.